M. A. Carriker, Jr.

1st. Peruvian Expedition
Nov. 10, 1929 to May 1, 1930
Nos. 1 to 1760

2nd. Peruvian Expedition
Jan. 27, 1931 to July 26, 1931
Nos. 1788 to 4208

1st. Peruvian Exped.
1929-30
MacCurdy Jr.
Nov. 10, 1929 to May 1, 1930
Nos. 1 to 1760

2nd Peruvian Exped.
1931
Nos 1788 to 4208
Jan 27 to July 26

Obrajillo, Peru. Nov. 10, 1924

✓ *1. Pyrgocheilidon _____ ♀ 132
dark brown, black, tractus à thorn.

✓ 2. " " ♀ 132

*3. Anaërtes albocristatus ♀ 124
[illegible]

4. " " ♀ 124
"Cabrita"

5. " " ♀

N. 6 Anaërtes parulus ? ♂ 114
[illegible]

✓ *7 Troglodytes musculus peruv ♂ 120
[illegible]

*8. Hapalocercus [illegible] ♀
[illegible]

*9 Sayornis cinerea [illegible] ♂
[illegible]

N. 10 " " ♂

*11 Ochthoeca [illegible] ♂ 116
[illegible]

12 " " ♂ 120
large tail tibia

✓ *13. Spinus [illegible] (a olivaceus?) ♂ 120
[illegible]

✓ *14 Pyrgilus fruticeti ♂ 122
[illegible]

✓ 15 " " ♂ 120

Fslow

✓ 16 Pyrgilus fruticeti ♂ 117

✓ 17 " " ♂ 118

✓ 18 " " ♀ 181

✓ *19 Melozone nationi ? 187

✓ 20 " " ♂ 126

✓ * 21 Pheucticus chrysogaster ♀ 120

* 22 Chamaepelia minuta minuta ♀ 125

* 23 Zenaida auriculata hypoleuca ♂ 210

Obrajillo, June 11.

* 24 S. flg. Nemosia ♂ 133
black / black

25 " " ♀ 122

✓ * 26 Conirostrum (Cinereum) litterale ♂ 120
brown / black / black

✓ 27 " " ♀ 117

✓ 28 " " ♀ 116

✓ * 29 Idiospiza homochroa ♀ 135
brown / streaked brown / black

✓* 30. Spodiornis ♂ 137
hazel | black, dusky brown tolour | blackish brown

✓* 31. Catamenia analoides ♂ 155
brown | light brown | brownish brown

*32. Myiarchus tuberculifer ♀ 190
brown | black | black.

*33 Agriornis albicauda ♀ 253
pale straw | black | black.

✓ 34 Pyrgilus fruticeti ♂ 185
brown | brown, blk black | pale brown |

✓* 35. Saltator laticlavius ♀ 247
brown | brownish yellow | blackish

N. 36 ~~Anaeretes~~ albocristatus ♀ 124
gray | black, pale. brown (nail) | black.

✓ N 37 Pyrgilus fruticeti ♂ 188

✓* N 38 Turdus gigas ♀ 292
pale hazel | middle yellow | dusky yellow

N. *39 Leptoptila verreauxi decolor ♀ 292
pale brown | black | pale blond.

Obrajillo, Nov 12

*40 heptasthenura pileata ♀ 170
gray | black, last white tinged | blackish

N. 41 Sooty Nunnet ♂ 135
black | black |

N *
42 Micropus peruvianus ♂ 140
brown | black | dusky
(white throat & nape ? rump)

✓ N. 43 Pygochelidon —(?) Grey bellied Swallow ♂ 132
brown | black | blackish

✓ 44 Idiospiza homochroa ♂ 133
brown | yellow basally, dusky tip | black
(bluish crown, white patch on tail)

45 Ochthoeca leucophrys leucom- ♂ 158
(same as 46) ing
breeding

N 46 Ochthoeca leucophrys leucometopa ♂ 172
brown | black | black

✓ *47 Cinclus leucocephala ♀ 168
brown | black | leaden

✓ 48 " ♂ 180

*49 Cinclodes bifasciatus ♂ 210
brown | black, pale below | blackish

50 " " ♀ 222

✓ N *51 Thraupis d. darwini ♂ 195
hazel | black, pale rump below | black bill

✓ 52 Pheucticus chrysogaster ♂ 221
brown | black, brown below | leaden bill

Obrajillo, Nov 13.

✓ 53 Saltator laticlavius ♂ 236
brown | brownish orange | brown bill

54 Agriornis albicauda large tail ♂ 257
dusky chest | black | black

✓ 55 Thraupis cyanocephala ♀ 195
hazel | black, flash below | dusky bill

56 Leptasthenura pileata ♂ 177
brown | black, white below | black

✓ 57 Troglodytes musculus puna ♂ 130
brown | black, pale below | dusky bill

N. 58 Orochelidon murina ♀(?) 138
brown | black | dusky brown

59 Big Sooty coffee Numenia (large tentacle) ♂ 137
black | black

N 60 " " ♂ 133

61 " " ♀ 120

62 Cinclodes bifasciatus ♀ 215
brown | black | blackish

*63 Patagona gigas ♂ 222
black | black

64 " " ♂ 226

65 " " ♂ 227

✓ 66 Atelodaenis? ♀ 115
brown | blackish | blackish

✓ 67 Spodiornis ——— (?) ♀ 136
brown | black, dark brown tolow | black

✓ 68 " " ♀ 141

*69 Muscisaxicola rubricapilla ♀ 185
brown | black | black

✓ 70 Spinos capitalis ♀ 126
brown | bloody dusky brown tolow | black

✓ *71 Sicalis arvensis ♂ 150
brown | dusky brown, flesh bloody tolow | brownish flesh

✓ 72 " " ♂ 148

✓

73 Sicalis arvensis ♂ 142

*74 Cinclodes palliatus ♀ 184
brown | black | black

75 " " ♂ 181
Small straight-billed - white wing patch, 12 oz.

*76 Upucerthia validirostris ♀ 188
Cinnamon wing + tail, slender curved bill 12 oz.
brown | black, flecked brow below | black

✓ 77 Melozone nationi ♀ 192
reddish hazel | black | blackish

✓ 78 Phrygilus fruticeti ♀ 192
Similar alone, chest streaked, sometimes brown
brown | pale brown, buff black | light brown

✓ 79 " " ♀ 190

✓ 80 " " ♂ 200
Usual black, both white marks, some
brown | brownish yellow | light brown

✓ 81 " " ♂ 201

*82 Glaucidium brasilianum ♀ 175
steam | pale slate | slate green

*83 Nothoprocta ornata ♂ 424
brown | bright yellow, wedge black | pale slate
mate of pinnata, darker breeding.

Nov. 10

Went up back of village, first up a ravine, then up a slope, working around slope, not more than 500 ft above village, following along to ridge above village, then down ridge. With exception of Serpentine, all birch taken may be found on the slopes as well as down along the river.

Nov. 11

Overbold worked down the river for a couple of miles & back, so that all his traps were taken near the stream.

I worked up the river, following close to the stream, for several miles, then crossed & worked southward, passing, here & there, clumps of low trees etc, on right side, then up a long slope, down the opposite side & then down through a valley between two of them.

24 & 25 along river in thickety
26-28 in lowland tree near river
29-31 on open flat near river opposite two
32 in "Black Head" room 26-28.
33 on creek between two fields, mostly up on slope
34 & 35 in thickety near river.

Nov. 12

We went together down the river, looking for ducks. N. shot at one, but missed. We saw 2 more, but none decoyed. All birds taken were shot either on open in river or in thickety along its banks. Swift & Sundown shot flying near river.

Nov. 13

We went up the road past my valley for several miles, then I turned up the slope & traveled came back down river. I climbed up the mountains, following slope & valley to near top of one getting ridge, then crossed it & dropped down to a

small pond in head of valley at 69 x 74 x 75 over 2 feet at highest pond reached, while all my birds seen taken above 10 on 9th except No. 55. Patagona was taken at pond 2 were of them near a stream valley, + above auto road.

Nov 14

I did not get out. C. until 9½ a.m. left hotel at 7 a.m. for 2½ miles I visited yesterday all his birds except 90 those shot above carretera.

[C]

Obrajillo, Nov 14

N 84 Idiospiza homochroa ♀ 124
brown/blackish, brn, yellow below lorally/blackish

N 85 Spodiornis ——— (?) ♂ 130
brown/black, flank&brn below/black

N 86 " " ♂ 140

N 87 Scicalis arvensis ♂ 140
brown/blackish brn, blue yellow below lorally/dusky flks

N 88 Patagona gigas ♂ 215
black/black

N 89 Pyrgilus fruticati ♂ 190
brown/light brown&yellow/light brown

N *90 Bolborhynchus orbignyi ♀ 186
grey brown/blue flks, flks below/dusky flks

bright *91 Nemosia ♀ 129
Green black, flame colored patch on throat

N *92 Brachyspiza capensis ♂ 168
brown/black, blackish brn below/blackish brn

Obrajillo, Nov 15, 1929 11,000 to 12,500 ft

Shirking from Cantera, up valley to Duck Pond

93 Leptasthenura pileata ♀ 178
brown | black, flesh at base of bill | black

94 " " ♀ 165

✓ 95 Troglodytes musculus puna ♀ 130
brown | black, pink below | dark flesh

96 Hummer ♀ 128
Green back, throat white, speckled darker,
black | black

97 Hummer ♂ 135
Dark copper, green spot on throat
black | black

✓ 98 Spodiornis _____ (?) ♂ 141
brown | black, dusky below | black

*99 Asthenes _____ (?) ♀ 177
Marked change in wedge tail, pronounced on chin
brown | black, dusky flesh below | blackish beaden

100 " " ♂ 186

101 " " ♂ 175

✓ 102 " " ♂ 182

103 Patagona gigas ♂ 220
black | black

104 " " ♂ 227

105 Upucerthia validirostris jelskii Breeding ← ♂ 191
brown | black, dusky at base below | black

✓ 106 Cinclodes palliatus ♂ 188
brown | black | black breeding →

*107 Upucerthia validirostris pallida? ♀ imm 195
brown | black | dusky brown

108 " validirostris pallida? ♂ 203
brown | black | beaten black

*109 " andicola ♀ 227
chestnut - wings tail
brown | black, basal half below pale | pale tipped brown

✓110 Thraupis cyanocephalus ♀ 188
brown | black, black pale below | brownish brown

*111 Metriopelia melanoptera ♀ 225
blue | black | black | white front of eye adjacent

112 Nettion oxypterum ♀ 410
gray | median yellow | ridge black | pale blush drake-
bill & joints dusky.

113 " " ♀ 420

114 Micropus peruvianus ♀ imm
black | below dusky black

11 Obrajillo, Nov. 18, 1909

We both used up the mountain above the town, above San Buenaventura. Cleared between 11,500 and 12,000 ft, and reached to 13,800 ft. Saw a few Bolborhynchus cupreonensis at highest point, and few of Phrygilus Saltii, but bad weather. The "Paddy" I took at about 10,000 ft & the next [illegible] at 11,500 ft. [illegible] by the tent. Got [illegible] Muscisaxicola, which was common at about 11,000 ft.

N.
115 Spadiornis ♂ 137
brown/black, dusky brown below/black

N.
116 Idioptera hamatopus (?) ♂ 144
brown/reddish flesh tarsi, black apically/dusky brown

117 Oecthoeca leucophrys ♀ 158
brown/black/black

N. 118 Muscisaxicola rufivertex occipitalis ♂ 178
rubricapilla
brown/black/black long

119 " " imm. ♂ 183
brown/black, gape pale/black

N.
120 Phrygilus fruticeti ♂ 194
brown/brownish yellow/pale brown

121 " " ♀ 185
brown/brownish flesh, ridge blackish/pale brown

122 " " imm ♂ 182

123 Cinclodes palliatus imm. ♂ 157
(brown/black, gape yellow/dusky brown
(small white wing patch)

124 Upucerthia validirostris ♂ 194
brown/black, flesh at base below/black
(cinnamon wings & tail. Large whitish

✓ *125 Ibycter ? tricolor ♂ 170
brown | black, brown blue basally below | dusky flesh

✓ 126 Pheucticus chrysogaster ♀ 218
brown | black, dusky flesh below medially | leaden

*127 Nothoprocta pentlandi ♂ 285
dusky yellow | black, flesh below | pale yellow

N. *128 Colaptes "puna" ♀ 315
yellow | black | leaden slate.

about 8 flushes seen by hunter in field before catch.
Saw but 3, but would not secure any.

Obrajillo, Nov 20
back of village, between 9 am & 10 am P.M.

N. 129 Anaeretes albocristatus ? —
brown | black, reddish flesh below basally | black.

N. ✓130 Saltator ♂ 237
brown | dark orange. | dusky brown

N ✓131 Pheucticus chrysogaster ♂ 220
brown | black, flesh blue below | dark leaden.

N ✓132 Turdus chiguanco conoidi ♂ 276
brown | dusky indian yellow | dusky yellow

N *133 Falco sparverius ♀ 277
brown | ham blue, tip black | pale yellow

134 " " ♀ 277

135 " " ♀ 270

NOV 10 '29 NOV 10 '29

136 Anaeretes albicristatus ♂ 125
brown | black, flesh below basally | black

137 " " ♀ 117

Obrajillo. Prov. Canta.

Obrajillo, Nov. 21, 1909.

*138 Chlorostilbon ♀ 94
black | black

139 Anaeretes albocristatus ♀ 115
black, flesh below basally | blackish

*140 Hummer ♂ 140
Green, claret throat, green below, long tail, gray with edge
black | black

141 Leptasthenura pileata ♂ 180
brown | black, flesh below basally | black

✓142 Catamenia analoides (?) 130
brown | yellow basally, blackish apically | dusky brown

✓(N)
143 " " ♂ 131

✓144 Spinus ♂ 125
brown | blackish, horn blue below basally | black

✓145 " ♀ 117
— | dusky brown | blackish

146 Myiarchus tuberculifer ♀ 187
brown | black | black.

147 Micropis peruvianus ♀ 143
brown | black | dusky flesh

148 " " ♀ 140

N.
149 Ochthoeca leucophrys ♀ 158
brown | black | black.

✓150 Thraupis cyanocephalus ♀ 195
hazel \ black, flesh brown tarsi \ dusky brown

✓N 151 " " im ♂ 191

*152 Myiotheretes striaticollis ♂ 249
brown \ head \ black

N. 153 " ♀ 246

154 Agriornis ♂ 249
dusky straw \ black \ black large tarsi

✓*155 Leistes militaris ♀ 202
brown \ dusky pink, ridge blackish \ dull blackish pink.

✓*156 Dives Kalinoskii ♂ 320
bought hazel \ head \ black

*157 Chamaepelia anais ♀ 190
purplish blue, naked skin orange \ black \ pink.

158 " " " ♂ 187

*159 Merganetta leucogenis ♂ 448
brown \ crimson, frontal ridges black \ dusky salmon

✓160 Metriopelia natiei ♂ 191
hazel \ black, dusky brown tubes \ dark brown

Obrejillo Nov 22, 1929.

Nov 22

✓ 161 Swallow ♀ 145
dark shining green above, dull sooty below
brown \ black \ dusky flesh

✓ 162 " " ♂ 140

✓ ✓ *163 Sparrow, gray throat, rest below white, ♂ 158
large white spot in middle of tail.
brown \ bright yellow \ brownish yellow

✓ 164 " " ♀ 150
brown \ blackish, dusky flesh below \ brownish flesh

✓ *165 Sparrow. ♀ 182
Gray head & throat dark olive green above, rump
grayish black, chest, bend & sides brownish yellow,
belly & crown white.
hazel \ black, dusky bluish flesh below \ pale horn

✓ 166 Sicalis arvensis ♀ 143
brown \ black, pale bluish horn below \ dusky flesh.

~~147~~ " ~~145~~

168 Cinclodes palliatus (large tailed) ♂ 186
brown \ black \ black.

169 " " \ " " ♂ 185

*170 Belonopterus chilensis breeding ♀ 330
crimson \ bill crimson basally, black apically
feet \ rubied blood \ eyelid crimson

171 Colaptes pura ♀ 340
brown \ black \ dull olive brown

*172 Ibycter m. megalopterus ♀ 562
brown, blue around outside \ black, flesh below basally
ear white flesh \ feet blank flesh

173 " " ♀ 542
brown \ pale bluish horn, darker blue basally, con orange
feet pale indian yellow

174 ♀ 540

175 Polyberus ♂ 500

N. 176 Leptasthenura pileata ♂ 120
brown | black | black

N.V 177 Spinus ♂ 128
brown | black, pale below barely | black

N.V 178 " ♀ 125

N.V 179 Melozone nationi ♂ 208
hazel | black | blackish brn

N. 180 Agriornis ♂ 261
dusky brown | black | black

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56 species taken at Obrajillo

Tarma, Nov 28, 1929

Walk up the valley from the town; the way the road goes out to Jauco., at 2 P.M. valley not over 200 yds. wide, every inch planted & great old eucalyptus trees growing everywhere along fences. We followed up a little creek bed, nearly dry & birds were quite common, commonest being Brachyspiza.

✓181 Patagona gigas ♀ 215
black \ black.

*182 Cyanolesbia ♂ 201
black \ black

* 183 Colibri lolatus ♂ 160
black \ black

N
184 " " ♂ 154

✓ *185 Diglossa brunneiventris im ♂ 153
brown \ black, flesh below barely \ dusky horn.

✓ (N.) 186 " " im ♂ 146

✓ 187 Idiospiza homochroa ♂ 148
brown \ pale brown, flesh below \ dusky brown horn

✓ 188 Spinus ♀ 131
brown \ black, dusky horn below \ black

alt between Oroya & Tarma (17,000ft)
Nov. 29, 1929

N 189 Cinclodes palliatus heading ♂ 174
brown | black | black.

N 190 " " ♀ 176

191 " " ♀ 174

N * 192 Spinus ♂ 133
brown | blackish, dusky brown below | black,
(black with yellow belly + crescent & yellow spot on wing)

* 193 Lessonia ruta areas (black, chestnut back) ♂ 141
brown | black | black.

194 " " ♀ 133

* 195 Anthus bogotensis (large bill) ♂ 160
brown | black, flesh below, tip black) flesh

196 Little gray flycatcher ♀ 130
(streaked dark + dusky, ashy rump)
brown | black, dusky brown below | black

* 197 Pygochelidon (?) large bill ♂ 146
brown | black | flesh.
Sooty above, blue green reflections on back; throat dull ashy,
rest below white, tips of under tail coverts dusky.

198 " " {small age ♀ 156

199 " " {large bill ♂ 149

200 Muscisaxicola juninensis ♀ 178
brown | black | black

* 201 " alpina grisea {large bill ♂ 192
like 200, but larger + ventral chestnut more patch
brown | black | black

Tarma, Prov. Junin,

N 202 Idiospiza homochroa ♂ 144
brown | brownish black | dusky black.

N 203 " " im ♂ 139
brown | brownish black, tufs washed | fast brown tarsi

* 204 Asthenes la Libertad ♂ 170
brown | black, paler below barely | dark streaks

205 " " | large (la Libertad) ♂ 170

206 " " ♂ P 165

207 " " (large) ♂ 170

208 " " (large) ♂ 171

N 209 " " (") ♂ 161

N 210 Upucerthia ——— {large tail tufts ♂ 180
brown | black, plain or brownish below | black
(brownish orange tail)

* 211 Upucerthia ——— ♀ 161
brown | black, barely plain below | black
same as 210, except chin & tail white barely above

212 " " im ♀ 152

213 " " im ♀ 158

* 214 Sicalis ——— ♂ 142
brown | bluish brown, brown blue below | brown streaked black
Head & rump dusky greenish yellow, back auriferous
rich dark yellow below

215 " " im ♂ 142

♀ same as ♂, except back brown, streaked with dusky,
& flanks brownish

N 216 Sicalis ——— ♂ 144
same as 214.

N 217 " " ♀ 148

N 218 " " (?) 137

219 Agriornis albicauda same as Cauta ♀ 252
straw | black | black.

220 Belonopterus chilensis. ♀ 316
pinkish | pinkish blood basally | black apically | pinkish blood

221 Colaptes puna large testicles ♂ 336
yellow | black | dull blue black

222 " " just finished laying ♀ 332

xxx

all recorded Tarma, Nov 30

N 223 Pataggona gigas ♀ 210
black | black

N 224 " " ♀ 212

N 225 Poecilothraupis ——— (?) ♂ 193
brown | black flesh, ridge black | dusky flesh

N 226 Brachyspiza capensis enlarged testicles ♂ 142
brown | blackish brown | flesh

N 227 Idiospiza homochroa ♂ 147
brown | brownish flesh | dusky brown

N 228 " " imm ♂ 145

N 229 Diglossa brunneiventris testicles ♂ 148
brown | black, beaks below basally | black

N 230 " " ♀ 151
— | black, flesh at base below | dusky brown

N 231 Spinus ♀ 129
brown | blackish | black

N. 232 Falco sparverius ♂ 275
brown | bluish, tufts black | dull pale yellow

Tarma Dec. 1.
Min. temp. = 55° (Humid montane
max " = 66° forest.

13, south 140 m.
La Cumbre de Tarma, Dec 2, 1929

*233 Nannus ♂ 133
black | black. — green above; throat glittering green, sooty
breast; belly dark blue; axillaries dusky buff; crissum sooty

234 Anthus bogotensis (Pipit) ♂ 162

235 " " ♂ 162

236 Little Gray Sparrow (Spodiornis) ♂ 133
brown | black, dusky brown below | black.

237 " " " im ♂ 132

238 Atelodacnis ♂ (?) 130
brown | black | blackish

239 Mesocisaxicola juninensis ♀ 124

240 " " ♂ 181

241 Asthenes ♂ 167

same as No 204.

242 Upucerthia (Pipit) ♂ 195
long curved bill, brown above, orange & buff

Same as No. 210.

Dec 2.

[4]

243 Cinclodes palliatus ♀ 173

244 ~~Upucerthia~~ Geositta cunicularia juninensis ♀ 165
same as No. 211.

245 " " " ♂ 160

✓246 Sicalis _____ ♀ 142
same as No. 214.

✓247 Spinis _____ ♂ 128
same as Obrejillo birds
brown | black, dusky from below | black

248. Agriornis albicauda ♀ 242

249 Belenopteres chilensis ♂ 312

250 Colaptes _____ ♂ 332

251 Falco sparverius. ♂ 200
Newfield's birds 13 out to 14 out ft.

N✓252 Idiospiza homochroa ♀ 147
brown | black, flesh below badly | dark brown

N✓253 Little Gray Sparrow ♂ 131

N✓254 " " " ♀ 136

N* 255 Flycatcher _____ im ♂ 169
brown | black | black

N 256 " " im (?) 169

N257 Asthenes _____ im ♂ 163
same as 204

N258 " " ♀ 157

N259 " " ♂ 170

N✓260 Sicalis _____ ♀ 137
same as 214

N*✓261 Hapalospiza unicolor (?) ♂ 150
brown \ black \ black.

N*262 Crallaria _____ (laying) ♀ 158
brown \ black, dark brown below \ leaden

N263 Cinclodes patliatus im ♀ 172

N✓264 Brachyspiza capensis ♀ 163
brown \ blackish, blush brn below dusky flesh

N265 Upucerthia _____ ♂ 186
same as 210.

N266 " " ♀ 184

N267 Upucerthia _____ ♀ 171
same Cinclodes bird at duck pond
curved bill, brown wings + tail.
brown \ black \ black

N✓268 Rat. 220-94-27-♀

Tarma Dec 3

N✓269 Diglossa brunneiventris ♂ 1486
brown \ black, brn blu below basally \ blackish

[15]

Tarma, Dec 4, 1929

Both hunted in valley along road to Oroya, between altitude of 11,000 & 12,300 ft.

270 Hummer _____ ♂ 132
same as Nr. 233
black | black.

271 " " ♀ 131

✓272 Atelodacnis _____ ♂ 133
(birds called Creepmanes are these.)
brown | black | black.

✓273 " " ♀ 124

✓274 Idiospiza homochroa ♂, 139
brown | pale castaneous | dark castaneous

✓275 " " ♀ 140
brown | dusky ridge castaneous & bar below | dusky flesh

276 Ochthoeca leucophrys ♀ 162
brown | black | black

✓277 Diglossa brunneiventris (tiny) ♂ 150
see 269

✓278 " " ♂ 146

✓279 " " bird ♂ 150

✓280 " " bird ♂ 147

✓281 Saltator _____ ♀ 130
same as Obrejillo.
brown | salmon red | blackish

✓282 Pyrgilus fruticeti (?) ♂ 189
brown | pale yellow brown | pale brown

✓283 Spurwing ——— ♂ 178
rather as 165 —

✓284 " hazel | black flecked, tip black | dusky flecked ♂ 177

✓285 " brown | black, black fleck below | pale horn ♀ 170

286 Upucerthia ——— ♂ 220
may be ranged 109 — pale grey brown; crown, wings & tail dark umber; white superciliary & side of face flecked with same. Throat white, flecked with dusky; breast deeply scaled with white, flanks brownish; belly white.

287 " " ♀ 215
brown | black, black fleck below breast, | pale tawny

288 " " ♂ 219

✓289 —missing—

290 Cinclodes bifasciatus ♂ 224
over specis. — brown | black. | black.

291 Metropelia melanoptera ♂ 233
blue | black, | blackish | skin around eye blackish, mi
feet orange.

292 " " ♀ 226

✓N293 Atelodacnis ——— ♂? 126

✓N294 " " ♀ 129

✓N295 Diglossa brunneiventris {large text ♂ 148

N296 Ochthoeca leucophrys (?) 163

✓N297 Spinus ——— ♂ 124
black headed sp.

N 298 Spinus _____ ♀ 123
black tailed yellow.
blackish / blackish

299 Saltator laticlavius ♂ 230

300 Upucerthia andicola ♀ 219
same as 286

301 Patagona gigas ♀ 211
black / black.

Temp. Tarma — min. 50° Max. 69°
15 species at Tarma not previously taken.
Huacapistana, State. Junin.

Huacapistana, Dec. 6, 1929

Altitude about 6,000 ft. at house in valley. Valley narrow, river quite large & very rapid, Slopes rise abruptly on both sides to approximately 8,000 ft or more above river. Slopes mostly covered with low brush or scrub, higher in ravines. Some virgin forest on both mountains on both sides, but more on north side.

* 302 Hemierhina leucophrys. ♂ 118
brown / black / black.

303 Troglodytes musculus _____ ♂ 135
probably same as birds from higher altitudes.
brown / black, yellowish flesh below / pale horn

304 " " im. ♀ 128
— / — / dusky flesh.

* 305 Synallaxis azarae breeding ♂ 180
red-brown black, leaden below / leaden olive

* 306 Agyrtria (?) _____ ♂ 117
Shining green above, white below, sides & flanks greenish, crissum flecked with green; tail white below on inner webs, legs dusky greenish, black / pink flesh below / black

Huacapistana, State. Junin,

307 Colibri iolatus ♂ 150
black | black

N* 308 Basileuterus luteiviridis brown ♂ 145
brown | black | dusky yellow

*309 Elaenia ♀ 155
brown | black, flat below | black.

*310 Mionectes striaticollis brown ♂ 152
brown | black, paler below barely | dark leaden

*311 Hylocatelus ♂ 150
sooty brown above; cinnamon below, throat black
mixed with dusky, wings blackish, broadly barred
cinnamon; tail cinnamon below, strongly dusky
along rib, broadly
brown | black | blackish brown

*312 Diglossopis caerulescens. ♀ 137
red-brown | black | blackish brown

N* 313 Hirundinea sclateri ♂ 198
brown | black | black

314 Thraupis (?) ♂ 193
blue crown nape; green above, blue gray below
wings & tail yellowish green.
brown | black, leaden color | leaden

N. 315 " " ♀ 195

316 Turdus gigas ♀ 328
red-brown | orange | yellow

*317 Penelope ♀ 570
hazel | black | chestnut | neck red.

Huacapistana, Dec 7

Shot down along the river on both sides for about 2½ miles.

318 Agyrtria _____ ♂ 107
= Nr. 306

*319 Hummer (Sentinel below) ♂ 133
black | downy flesh.

320 " " ♂ 131

*321 Myioborus _____ ♀ 145
brown | black | black

322 Synallaxis _____ ♀ 185
= Nr. 305

323 " " ♀ 177

324 " " ♀ 135
brown | black, downy yellow below | dull olive

*325 Spinis _____ ♀ 108
brown | blackish, pale brown below basally | blackish

*326 Basileuterus auricularis ♂ 149
brown | black | light brown, sides yellow

327 " _____ ♀ 143

*328 Atlapetes tricolor ♂ 184
hazel | black | brown brown.

329 " ♀ 181

*330 Oropendula ♂ 405
brown | pale greenish ivory | black

Huacapistana, State. Junin,

331 Curpendula ♀ 360
throat pale pea-green \ black

332 " " ♀ 352

Huacapistana, Dec 8, 1925

Overhead up north side of valley, coming at bridge below town, up to about 8000 ft. Mostly brush & second growth scrub, only isolated trees & forest.

N333 Basileuterus ____ (= hr 308.) ♀ 144
dark green above, yellow superciliary & yellow below
brown \ black \ dusky yellow

N334 Synallaxis ____ imm? 165
above 305 brown \ black; yellow below \ olive

335 Agyrtria ____ ♂ 115
white below

336 Colibri isolatus ♀ 138

*337 Pyrrhomyias vieillotoides ♀ 141
brown \ black \ black

338 Myiobarus melanocephalus. ♂ 146
brown \ black \ black

339 " " ? 152

*340 Cinnycerthia peruana (?) ♂ 159
brown \ black, flank medially below \ black

341 " " ♂ 159

N342 Orodynastes striaticollis ♂ 255
brown \ black \ black

N* 343 Entomedestes leucotis ♂ 247
brown/black, orange tubes/black

N 344 " " ♀ 255

*345 Columba albilinea ♂ 350+
grayish white/wet v. pect/pale clear Indian yellow
stain around eye dark crimson.

346 " " breeding ♂ 382

347 " " {large egg ♀ 370
Mallophaga on wing girdle.

348 Penelope ♀ 570
= 317.
brown/black/pinkish blond./much dull crimson

Huacapistana, Dec 9, 1929

Newbold went up south bank to Company road. —

N 349 Pyrrhomyias cinnamomea ♀ 138
brown/black/black

N 350 Diglossopis caerulescens ♀ 143
red-brown/black/black

N 351 Thraupis ——— blue green/gun-tail ♂ 198
brown/black, basal white/black

*N 352 Piaya cayana ——— ♀ 465
carmine/gun-barrel, chin yellow apically/black

Huacapistana, State. Junin.

Huacapistana, Dec 10, 1929
Went up Tr Company Road (at 8,100 ft) & shot all birds along road in forest, except #s 363 which were taken at about 6500 ft in clearings & trees in open mountainside.

*353 Colibri cyanotis ♂ 121
black | black

*354 Hemimer _____ (white tail) (?) 124
black | black.

✓355 Hemicerhina leucophrys ♂ 125
brown | black | dark brown

356 Myiobius cinnamomeus ♀ 137
brown | black | black.

✓357 Basileuterus luteiviridis ♀ 165
= *333 brown | black | yellowish brown.

✓358 " " ♀ 153

✓359 " " breeding ♂ 165

*✓360 Niteospingus (?) _____ ♂ 151
ashy brown above, dusky white below, crissum pale brownish straw | black, paler ashy below | black

✓361 " " ♀ 147

× × × ×

*✓362 Chlorospingus _____ ♂ 166
whole head gray, upper parts bright yellowish olive; throat whitish, and below bright yellow.
brown | blackish | dusky brown

*363 Thampophilus (?) _____ ♂ (?) 167
all black except white tips to wing coverts & tail & shoulder with slightly mixed with grey
brown | black | light slaty

*364. Pseudocolaptes boissonneauti. ♂ 224
brown | black, flecked below medially | buffy olive

written to here

Huacapistana, State. Junin, PERU

* 365 Hypoxanthus rivalii brevirostris ♀ 257
brown \ black \ leaden

✓ 366 Turdus gigas ♂ 328 (large testicles)
brown \ red orange \ orange.

* 367 Pharomacrus _____ ♂ 372
brown \ brownish yellow \ dull olive

✓ N * 368 Pygochelidon cyanoleuca ♂ 123
brown \ black \ dusky brown

N. ✓ 369 Troglodytes musculus. ♀ 127
brown \ black; flesh below \ pale brown

Nos 368 & 9 nest down in valley, above town.

Huacapistana, Dec 11, 1929

Invert down valley, following highway for about 4½ miles to altitude of 4850 ft. At about 5000 ft many typical Zone forms began to appear, Todirostrum cinereum Ramphocelus, Aratinga, Amazona, Myiarchus ferox & Tangara, Tyrannus melancholicus same form & Thryophilus etc.

✓ 370 Pygochelidon cyanoleuca ♂ 126 (enlarged testicles)
brown \ black \ black

✓ * 371 Tangara cyanopygia (?) breeding ♂ 142
Silvery blue above; crown & brown patch black; upper throat & auriculars brownish green; rump black, edged with blue; sides, flanks & crissum darker silvery blue; tail black above, light slate below.
brown \ black; pale light at base below \ dark leaden

✓ * 372 Tangara (Life of guttata.) ♀ 127
brown \ black, leaden below \ leaden

* 373 Elaenia breeding ♂ 173
Olive brown above; throat & median parts below clear yellow; chest, sides & flanks dusky yellowish dotted among bases of yellowish white feathers.
brown \ black; flesh below, in life \ black

Huacapistana, Stata. Junin.

*✓ 374 Ramphocelus ♀ 170
Rump & lower parts (except throat) dull crimson, head throat & back dark brown
brown | black, dusky brown below, tips of beak | blackish

✓ 375 Entomodestes leucotis ♂ 247
brown | black, orange below | black

*376 Aratinga ♂ ——
Entirely green, more golden below; forehead & spot on side of head
pale hazel | dusky pink | pink.

Newly killed male on the Company trail at 8,000 ft. evening same ground I crossed yesterday.

✓ *N 377 Ochthoeca rufipectoralis ♂ 140
Whole body sooty grey, except black lores, white superciliary & chestnut patch on upper chest.
brown | black | black

✓ *N 378 Tangara nigriventris (?) ♀ 126
Head & front black, feathers tipped with silvery blue-green. back black; rump silvery blue; wings black, edged pale silvery blue; under surface pale silvery blue, scaled; belly whitish. brown | black, brown below barely | beaded

N 379 Pyrrhocoryphus cinnamomea ♀ 135
brown | black | black

N 380 " " ♂ 137

N 381 " " ♀ 136

✓ N 382 Thraupis cyanocephala azurea crown, mantle ♂ 190
brown | black, beaded below | olive beaded.

*N 383 Picolaptes —— ♂ 215
brown | pale brown, tips blackish, blunt pale below | shine rich brown above, rump chestnut; below with ochraceous shaft streaks, tips black; chin buff; below paler brown with wide buff streaks, bordered with black; wings & tail chestnut. Inner wing coverts pale cinnamon; lesser ones buff, spotted with dusky

Huacapistana, Dec 12, 1929.

Ascend sp mountain on north side, crossing river over border bridge & going up to near hacienda, then on around mountain & up into forest on top. Highest point reached about 7,300 ft.

✓ *384 Dendroica striata (young) ♀ 125
grayish green above, blackish streaks on back; white wing bars; yellow superciliaria & throat & chest, rest below pale yellowish white; tail with inner webs nearly all white
brown | black, flesh below, | brownish black,

✓ 385 Spinus _____ ♀ 114
same as no 325 brown | blackish, dark brown below | blackish

✓ 386 Basileuterus Luteirostris ♂♀ 125
grayish above with yellow superciliaria
brown | black, brown below | yellow

*387 Seytalopus ♀ 145
dark brown above, rump brown, barred black; pectoral, throat & chest dark gray, belly & flanks, brown barred black.
brown | black | black

✓ *388 Phrygilus _____ ♀ 156
chestnut brown above, large malar patch black; throat white, chest brownish white; belly & flanks pale brown | cinnamon brown, lightly barred buffy
tail light brown, barred black.
hazel | black; beaks below | horn, tip paler

✓ 389 Myioborus melanocephalus ♂ 153
brown | black | black

✓ *390 Tangara _____ ♂ 145
head & lower back greenish blue, with silvery patch on occiput; back black, rump & upper tail coverts bright cobalt blue; bores black; belly silvery
brown | black, beaks below basally | beaks

✓ 391 " " ♀ 145
♀ duller, back greenish black, belly grayer

✓ 392 " " ♀ 142

✓ *393 Tangara _____ ♂139
Palatum & malar region golden yellow; narrow front & eye region & chin black; broad blue-green, also sides & flanks; middle & broad belly & crissum tawny; scapulars black; broad streaks welsh & blue-green rump & upper tail coverts blue-green.
brown | black | leaden

✓ *394 Tangara _____ large ♂160
Front & palatum & malar region scarlet, palatum & nape orange yellow; black lores, eye region & auricular patch, back, wings & tail black; lesser wing coverts & rump shimmering bluish silver, chin black; rest below tawny, overlaid with subtle blue sheen; crissum tawny
brown | black | leaden

✓ *395 Xenicopsis _____ ♂186
Dove brown above, including wings & tail, forehead, chin buffy white, rest below olive brown, streaked heavily on breast with buffy white, has a brown middle of belly & crissum, many buffy superciliary streak
brown | black, pale brown below narrowly | olive

✓ N*396 Tangara _____ ♀133
Palatum blackish, overlaid with yellowish green on top & narrow frontal & anterior region dull tawny orange, chest dark dull greenish & breast & belly gray, sides greenish crissum dusky, feathers tipped & edged with greenish gray back & rump shimming green; wings dark & each also tail also.
brown | black, pale brown below barely | leaden

Huacapistana, Dec 13, 1929.

I went up to Company road & shot all along it, from the first creek above (K 12½) clear around to K 19). all birds but Number Nr 329 taken on or near road. 8000 ft level.

Newfield went up Carretera to 2nd Bridge & then up to Company Road. Calandrylaymah shot at 8000 ft. Rest of birds taken down in valley.

*397 Hummer _____ ♂ 107
Crown claret red, rest above shining green; pointed tuft at forehead glittering green, chest cinnamon; tail & abd buffy white, spotted on sides with orange green crimson bronzed white
black | black.

398 " " ♂ 100

399 Agyrtria _____ ♂ 111
black; flesh below | black.

400 Colibri cyanetis ♂ 116
black | black

401 " " ♀ 117

402 " " ♂ 104

403 " " ♂ 101

404 Hummer _____ white tail ♂ 126
= Nr. 354 black | black

405 " " ♂ 123

✓ *406 Troglodytes solstitialis) ♂ 125
dove brown above, plumbeous bright; wings & tail barred with black; long buffy superciliaries; buffy abdomen below, belly white; crissum white & black barred
brown | black; flesh below | black flesh

Huacapistana, State. Junin.

407 Elaenia ——— Creeling ♂ 167
small mountain r/f.
brown | black | flesh below | black

N 408 Agyrtria ——— ♂ 111
black, flesh below | black

✓ 409 Basileuterus ——— ♀ 155
= 333 brown | black | dusky yellow

✓ 410 Cinnycerthia peruana ♂ 163
hazel | black, flesh below basally | black

✓ 411 " " ♂ 163

412 Piaya cayana ♀ 410
carmine | dark green basally, yellow at apex | black

413 Orodynastes striaticollis ♂ 261
brown | black | black

✓ * 414 Heliothera robricristata ♂ 238
carmine | black flesh basally, black ½ | black

415 Hypoxanthus tivolii (?) 260
brown | black | black

N 416 Synallaxis ——— ♂ 197
chestnut cap orange r. forit.
hazel | black, black below | black above

N 417 " " ♀ (?) 175
brown | black, flesh below | pale brown

✓ N 418 Pygochelidon cyanoleuca ♀ 125
brown | black | black

✓ N 419 Troglodytes musculus ♂ 137

✓ N 420 Troglodytes musculus ♂ 135
brown | black, flesh below | dusky flesh

✓ N 421 " " imm ♂ 136

✓ N 422 " " ♂ 133

✓

*423 Catamblyrhynchus diadema ♀ 152
brown | black | black

~~1424 Eriocnemis~~ ~~♂ 129~~

Huacapistana, Dec 15, 1929

Inward up Company Road below House on upper side of Malalina Quebrada, then up past house as far as above Tunnel line, to 10,700 ft. (20.12") Nearly all birds shot above 9,000 ft. (9th 10,000 ft)

*424 Metallura tyrianthina ♂ 97
shining green above, throat patch glittering green; below dusky shining green; wings purplish ~~sooty~~, tail purple;
black | black

425 " " ♂ 103

*426 Ramphomicron microrhynchum ♂ 94
adult ♂ = purple above; throat glittering green; below dark shining green; tail dark steel blue.
black | black

427 " " ♂ 90

428 " " imm ♂ 95
♀ Shining green above, concealed white on rump; below whitish, spotted with shining green; tail steel blue, tips white

429 Metallura _____ ♀ 92
♀ Shining green above; tail purplish blue; throat patch cinnamon spotted with dusky; chest greenish near patch; rest below whitish, feathers tipped with bronze green bill = 12 mm
= Nr 424 ♀ black | black

*430 Eriocnemis _____ ♂ 128
dark shining grass green above, pileum bronzy green; below all glittering grass green; leg tufts white; crissum dark cobalt blue; tail steel blue
black | black

~~4300~~ " equal #504' ~~♀ 126~~

431 " " ♂ 129

Hualgayoc, Sta. Junin,

432 White tail Hummer ♀125
= no 354 black | dusky flank

*433 Schizoeca ♂177
(immature?) Seal brown above; scapulars chestnut
wings bright chestnut; tail dark chestnut, feathers
with apical bar dusky; throat dusky brown; lighter brown
on breast & abd. brown | black, flank bars white | tawny-brown

✓434 Troglodytes musculus ♂132
brown | black; flank bars brown | dusky flank

*435 Necrocerculus ♀(?)132
Pileum ashy, rest above olivic green; superciliaries
white, white below, flanks & crissum pale yellow
wing coverts black, double bars & white, tertials
edged white. brown | black, tawny

436 " " ♀141

✓*437 Atelodacnis ♀126
Pileum blackish, rest above dark grey, superciliaries
white; chin white; breast pale ashy, also sides,
middle of belly & crissum pale buffy ochraceous
greater wing coverts tipped white & tertials edged white
tail sooty, narrowly edged with pale ashy.
brown | black, brown below | blackish

✓438 " " ♀130

*439 Ochthoeca lessoni ♀140
Pileum & sides of head blackish, broad white
superciliary; chest bright chestnut, rest below & tertials
black dark seal brown; crissum ashy tan
brown | black | black

440 " " ♂148

✓*441 Hiaspingus (?) ♀145
Ashy grey above, rather greenish grey; tail edged somewhat
whitish superciliary; throat & chest ashy white; rest
below white; flanks & crissum buffy
brown | black, tawny below | tawny

✓ *442 Diglossa personata ♂ 166
Forest; sides of head & chin black; rest of body bright shining blue; wings & tail black; edged with blue
carmine | black | black

✓ 443 " " ♀ 160

✓ 444 " " ♀ 157

*445 Siptornis ♀ 184
Pileum buffy white; chin white; sides of head ochraceous, ear coverts dusky; upper parts grayish brown wing coverts & tail bright chestnut; lower parts pale buffy brown, sides & flanks & crissum olive brown
pale buff | dusky black, pale black below | olive

✓ *446 Atlapetes tricinctus ♂ 197
Pileum & nape buffy cinnamon, sides of head & sub-malar stripe black; malar streak & throat white slate gray below, ashy gray below, median line whitish
brown | black | blackish brown

✓ *447 Poecilothraupis lunulata (?) ♂ 194
Head, back, wings & throat black, patch behind ears & lower parts scarlet; wing coverts & rump color blue; legs & toes black
brown | black | black

✓ *448 Poecilothraupis lachrymosa breeding ♂ 185
Upper parts dull blue; wing coverts & rump shining color blue; yellow spot below eye
Lower parts rich saffron yellow
brown | black | black

✓ 449 " " breeding ♂ 194

✓ 450 " " ♀ 193

✓ 451 Heliocharis rubricrista ♀ 221
carmine | white, broadly black apically | black

(19)

Huacapistana, State. Junin, Peru

Huacapistana, Dec 17, 1929

Ascend up to Company Road, then up over Trail Glen cut & down to road & then up on road to Malalua Creek & track all birds except Nos. 459 & 460 at 6500 shot on or above Co. Road.

452 Metallura ♀ 96
= # 424 black | black

453 " " im ♂ 99

454 White Tail Hummer (?) 126
black | black

455 Brachyspiza capensis ♂ 160
brown | black, pale horn color | dusky pink

456 Colibri ielatus ♂ 149
black | black

457 Troglodytes (solstitialis im ♀ 113
brown | black, black flank color | horn blue

458 Atlapetes ♂ 177
= 328 — Pileum & nape dusky yellow; sides of head & neck & superciliary region black; back & rump dark olive brown; throat, breast & middle of belly bright yellow, chest greenish yellow; sides & flanks & crissum dark olive green
hazel | black | horn brown

459 Hirundinea sclateri ♂ 201
= # 313 — Chin, front, sides of head & superciliary region dusky, overlaid with white tips to feathers. Upper parts sooty brown; lower parts bright chestnut, also lining to wings & inner webs of tail & 2/3 of tail; rump bright chestnut above with whitish tips & outer webs, apically
brown | black | black

460 " " ♀ 192

461 Piaya cayana ♀ 452
carmine | pea green, darker basally | leaden

*462 Xanthoura viridicyanea (?) ♀ 315

Front, lores, sides of head & malar region black
front & pileum silvery, deepening into bright
blue forehead; flat nape greenish blue; nuchal line
purplish blue, with faint narrow silvery
chest collar; rest below blue, like back.
brown | black | black

Newbold mount up mountain on N.W. side
up to near Roza & around to Jauja on road.

*

N463 Myiarchos _____ ♂ 210

Pileum & upper parts sooty brown; throat & chest
ashy gray, rest below pale sulphur yellow
wing shiny vertical tipped & edged with rufous
outer tail feather white on outer web
brown | black | black

N464 Myiotheretes striaticollis ♂ 248
brown | black | black

Huacapistana, Dec. 18, 1929

Clear & cold with wind up to the place I collected
in last Sunday, between 9,000 & 10,000 ft
practically all shooting was done, from the
main house upwards for about 1000 ft or less,

465 Metallura _____ ♂ 104
= #424 black | black

466 " " ♀ 94

467 Eriocnemis _____ ♂ 130
= no. 430 black | black

468 " " ♂ 128

469 " " (?) 127

Huacapistana, State. Junin,

470 Eriocnemis ♂ 127
= nr 430
labels written to here

471 Colibri iolatus ♂ 133
black | black

*472 Heliantbea ♂ 159
black | black

*473 Anaeretes ♂ 120
brown | black | black

474 " " large ex ♂ 117

475 Mecrocercu lus subspl ♂ 136
= nr 435 brn | black | loader

✓ 476 Ochthoeca lessoni ♀ 142
brown | black | black

✓ 477 " " ♂ 146

✓ 478 Troglodytes solstitialis ♀ 127
brown | black, chest flank below rarely | chest flank

*479 Flycatcha ♀ 148
brown | black | black.

*480 Margarornis (typ perlata) ♂ 155
brown | black, flank below | black with

481 " " ♂ 162

Huacapistana, State Junin, [25]

✓ 482 Idiospiza homochroa ♀ 138
brown | brownish flesh | pale brown

● 483 Sipternis ♂ 181
= no 445 hazel | blackish, flesh below | olive

✓ *484 Diglossa brunneiventris ♀ 133
brown | black, beaden below basally | dark brown

✓ 485 " " ♂ 146

✓ 486 Diglossa personata ♂ 170
= no 442 red | black | black

✓ *487 Diglossa pectoralis large ♂ 155
brown | black, maxid. under at sides | black

● ✓ 488 " " ♂ 154

✓ 489 " " ♀ 150

✓ 490 " " ♂ 158

✓ 491 " " ♂ 155

✓ *492 Buarremon torquatus (?) large ♂ 200
red-brown | black | dark brown

Temp. at Huacapistana.
Minimum over 10 days 56° F.
Max. 80° (I think sun but Thermometer on P.M. to cause this high. normal high about 70°

Huacapistana, State. Junin.

493 Poecilothraupis lacrymosa Large ♂ 186
= 448 brown | black | black

*494 Veniliornis ♀ 198
brown | black, blank flank below | olive

(504) Eriocnemis ♀ 126
black | black.

N 496 Ramphomicron ♂ 102
black | black

N 496 " ♂ 100

N 497 Anaeretes breeding ♂ 116
= 473

N 498 Myioborus melanocephalus juv ♀ 156
brown | black | blackish

N 499 Ochthoeca lessoni ♀ 135

N 500 " " ♂ 144

N 501 Poecilothraupis ♀ 172
= 448

N 502 Picolaptes ♂ 222
same as 494. brown | blackish, barred below | olive

N 503 Nauclr (Buteo ?) ♀ 414
(21) brown | blue-black; bare greenish yellow | iris dk yellow

56 species at Obrajillo - 15 additional at Tarma

74 species at Huacapistana

not previously taken - 8 species previously taken - 82 species in all.

145 species to date.

[illegible] [illegible] [illegible] [

309 Elaenia ——— 155 ♀

Huacapistana (6 to 8 oos) brown | black, flesh below | black.
Entire upper parts dark greenish sooty; concealed white crown patch; wings sooty, double bars & white & tertials edged white apically; median portion of secondaries narrowly edged pale yellow; tail sooty above, edge olive green, under basally; below pale sulphur yellow, throat & chest slightly washed with olive.

326 Basileuterus particularis 149 ♂

Huacapistana 6000 brown | black | light & brown.
Median portion of pileum reddish orange, bordered by a black stripe extending to end of nape, sides of head & nape ashy; low & narrow post ocular stripe black. rest above, including wings & tail dark olive green throat grayish white, rest below saffron yellow, sides & flanks & sides of chest olive green

319 Heliangelus (?) ——— 133 ♂

Huacapistana 6000 black | dusky flesh
Above dark shining green; wings purplish black tertials fringed with cinnamon; throat feathers cinnamon, broadly tipped with shining green; rest below bright chestnut, a little green on flanks, belly & crissum buffy cinnamon; tail below cinnamon rufous, tipped with dusky green.

313 Hirundinea sclateri 198 ♂

Huacapistana 6000 brown | black | black
Upper parts sooty black, including wings & tail, fore head slightly mixed with chestnut & whitish, lores & superciliary stripe, sides of head & chin mixed white & dusky; sides of neck & lower parts chestnut crissum, tipped with black on longest feathers; tail chestnut below, basal 2/3, black apically; secondaries with conspicuous chestnut patch on middle entire lining of wings chestnut.

312 Diglossopis caerulescens 137 ♀

Huacapistana 6500 red-brown | black | blackish brown
above entirely dark ashy blue, wings & tail edged same below entirely bluish ashy, flanks & throat more bluish

305

~~313~~ Synallaxis azarae infumata (?) ♂ 180

Huacapistana red-brown | black, ledden below | leaden olive

Crown (from eyes back) and nape & whole of wing (except tip) bright cinnamon chestnut; tail slightly darker chestnut feathers with open vanes, long & stiff (90mm)

sides of head, front, throat & chest dark ashy, throat feathers tipped with white; rest below pale ashy; inside of wing cinnamon, except tips & quills dusky.

308 Basileuterus luteoviridis signatus ♂ 145

Huacapistana (6 to 8000 ft) brown | black | dusky yellow

Entire upper parts dark olive green, edging to tail & wings slight paler olive; lores dusky; yellow superciliary from nostril to back of eye; lower parts lemon yellow, sides of chest & flanks olive greenish

360 Microspingos (?) ♂ 151

Huacapistana (8000) straw | black, pale basally below | black

Crown, nape & sides of head sooty brown; rest above very dark brownish sooty; front & pileum slightly mixed with buffy white; lores pale grayish white with slight buffy wash, belly, flanks & crissum buffy brown.

tail gray below

310 Lionectes striaticollis poliocephalus ♂ 152 dark leaden

Huacapistana 6600 ft | brown | black; paler below basally

Whole head dark ashy, throat finely streaked with white; rest of upper parts dark yellowish grass green; wings & tail edged more olive green; chest dark green, finely streaked with white; emerging into sulphur yellow of breast, belly & crissum; sides of breast & flanks streaked with green & white; belly & crissum plain yellow

band of wing yellow; under wing coverts cinnamon yellow

Cinnycerthia

410 Leucolepis peruana (?) ♂ 163

Huacapistana (8 to 9000) hazel | black; flesh below basally | black

Whole body rich seal brown, throat & upper chest paler, more cinnamon brown; wings & tail cinnamon brown, barred finely with black

365 Hypoxanthus rivolii bicolor Huacapistana (8000) ♀ 257
Red Backed Woodpecker | brown | black | leaden
Polum & throat black; side of head through eye to nape pale sulphur yellow; whole of upper parts, including rump bright vermillion, sides of neck & nape brighter scarlet; inner webs of tertials dark greenish tail black above, slightly brownish black below; ~~rump~~ ~~tail~~ upper tail coverts black; lining of rump pale yellow; chest black, feathers edged with rufous, upper breast feathers basally yellow, medially black, & tipped with olive; abdomen & crissum sulphur yellow

325 Spinus (?) ♀ 108 blackish
Huacapistana (6 to 7000) brown | blackish, pale loral below basally | upparts entirely dark yellowish green or olive green; upper tail coverts sulphur; wings black; double bars & wing & tertials tipped whitish; below darkey yellowish olive, crissum sulphur; bright sulphur speculum on primaries

342 Myiotheretes (Orodynastes) striaticollis ♂ 255
Huacapistana | 6 to 8000 | brown | black | black.
Dark sooty brown above; rump bar chestnut, upper tail coverts sooty brown, edged & tipped chestnut. Coverts slightly tipped cinnamon rufous; throat & chest streaked broadly black & white, sides chest sooty rufous. rest below bright cinnamon, including basal 2/3 of tail; lining of wings entirely cinnamon

343 Entomodestes leucotis (?) ♂ 247
Huacapistana, 6 to 7000 ft | brown | black, orange below | black
Head & entire lower parts black, except broad white malar stripe & a ~~cinn~~ chestnut patch on each side of abdomen; Entire upper parts (except head) bright chestnut rufous, including all wing coverts except outer primary coverts; primaries & secondaries black; tail black above, white below, except black at base (under crissum) lining of basal 2/3 of ~~wing~~ wing white, ~~spically~~ & blackish

494 Veniliornis equitaeniatus 1987

Huacapistana 1000 brown/black, blurk flesh below/olive
Pileum dark clove brown, sooty on nape, rest olive
golden olive brown, melinding wings; tail blacking
Sides neck spotted with buffy, below dark olive
olive brown, broadly & narrowly barred from
chin to cinnamon with buffy abracem

492 Buarremon torquatus (3) ↑ 200

Huacapistana 9500 red-brown/black/dark brown
Head, nape black, narrow superciliary & broad median
crown stripe ashy gray; sides of neck & chest ashy
Throat & median hard of breast & abd. white.
a narrow black chest collar; sides & flanks &
crissum olive brown, latter more olive

317 Penelope sclateri plumosa. ♀ 570

Huacapistana 7000 hazel | black – throat red | salmon red

Head, neck, upper back & chest dark sooty & clove brown, feathers narrowly ~~dusk~~ edged with ashy white above & broadly edged with white below; auriculars more ashy. Back & wings dull brown, slightly washed with a bronzy sheen tail brown basally, black apically; breast rich clove brown, feathers edged with ashy, abd. & crissum plain chestnut brown

330 "Crokenduda" ♂ 405

Huacapistana 6000 brown | pale greenish ivory | black

Lores & narrow front sulphur yellow, median part of crown dark greenish, occiput blackish; fore & sides of head dusky green, auriculars yellowish green

Upper parts dark olive green, centres of feathers sooty; wings edged olive green, tipped blackish tail olive green above & below, with pale yellow feather-tip between (3 on each side) throat yellowish green; rest below dark sooty green, crissum cinnamon rufous.

480 Margaroniis perlata ♂ 155

Huacapistana 10 000 brown | black; pale below | blackish

Pileum & nape clove or seal brown, slight buffy streaks on nape & dusky edgings on pileum; rest above, including wings & tail bright chestnut rufous; wings black with chestnut edgings & on tips; buffy ocular area superciliary & throat; sides of neck & rest below dark seal or olive brown with large "tear drop" markings of buffy white, edged with black.

487 Diglossa pectoralis ♂ 155

Huacapistana 10000 ft brown | black, | black.

Whole body black except following: white malar streak, not reaching base of bill & broadening posteriorly a collar of chestnut rufous across upper chest, followed by a broader white pectoral patch; belly & crissum chestnut rufous.

423 Anaeretes _____ ♂ 120

Huacapistana 9 to 1000 straw | black | black

Pileum & nape black, slightly mixed with fine white streaks on front; loral black; auricular area, mixed with blackish; crest entirely black. back dark olive green. Throat & upper chest area white ~~& buff~~, rest below sulphur; entire lower parts streaked with black heavier on breast; wing coverts narrowly tip white (one bar)

429 Mecrocerculos(?) _____ ♀ 148

Huacapistana (1000) brown | black | black.

Pileum sooty black; back sooty brown, wide double wing bars & cinnamon, with apical part of rectrices edged cinnamon & tertials edged at tip with buff.; throat white, chest dusky greenish brown, rest below sulphur

354 Hummer ♂ 123

Huacapistana 8 to 1000 black | dusky

Shining grass green above; wings purplish black, tail bronzy green above; below white; finely flecked with glittering green except belly plain crissum white long tips to feather. Shining green tail white below, broadly tipped blackish; white portion covered by long crissum

472 Helianthea _____ 159 ♂

Huacapistana 10 000 black | blackish

Pileum & nape dark grass green; rest above bronzy green wings purplish; lower parts (except belly & crissum cinnamon) dark green; white bases to feather showing through; glittering lilac purple spot on throat tail below for basal 2/3 pale cinnamon buff. tip greenish black.

367 Pharomacros _____ ♂ 372

Huacapistana 8 000 brown | brownish yellow | dull olive Chest & entire upper parts, (including long wing coverts & upper tail coverts) rich shining grass green, pileum bronzy green; wings & tail black lower parts below chest rich crimson

Shot in pasture on vega, & along edge of forest

[31]

Perene', Dec 23, 1929

*505 Todirostrum _____ ♀ 110
brown | black | leaden
Pileum sooty green, back dark green, median line of throat & belly white; chest greenish grey, lores & slight ring around eye dull cinnamon; wings black, quills edged olive green; coverts black broadly edged & tipped with cinnamon; inner coverts sulphur, band of wing same buff.

✓ *506 Rhynchocyclus flaviventris ♀ 130
brown | black, flak below | leaden
Whole upper parts dark grau green, wings edged olive green; throat & chest dull olive yellow; rest below sulphur (?)

✓ *507 Basileuterus uropygialis ♂ 144
brown | black | brownish flesh. (black bar & buff superciliary)
Pileum sooty, back & wing coverts dark green; rump & upper tail coverts buffy buffy ochraceous; basal ⅔ of tail buffy, tip dusky green; below white, sides

✓ 508 " " ♀ 138

✓ 509 Pheugopedius _____ white throat ♀ 157
same as Henicorhina prostata
hazel | black, leaden below | pale horn

510 Elaenia gigas large ♂ 190
large species Henicorhina
brown | black; flesh below | dark leaden

✓ 511 Ramphocelus _____ juv ♂ 182
same as Nemosia pileata
brown | blackish brown | leaden

* 512 Momotus _____ ♀ 466
red-brown | black | blackish
Front & sides of crown caerulean blue, nape purplish blue; crown & sides of head black, feathers terminated by narrow blue bars; above olive green; below cinnamon blue, more cinnamon posteriorly throat pluin black, edged blue; forehead edged greenish blue.

✓ N* ✓ 513 Tanagara _____ ♂ 121
brown | black, leaden below | leaden
Crown, breast & abdomen cinnamon orange; throat dull blue black, upper parts dark steel blue, shining, median portion of wing quills white, also inner coverts & subterminal spot on outer tail feathers.

N* 514 Chelidoptera tenebrosa ♂ 175

brown (black) black.

Whole head, front neck & upper back & wings slightly metallic black; lower back, rump & upper tail coverts white; tail black; lower breast belly, abt sheetwt; under wing coverts white.

(4)

Perene, Dec 24

Spent over same ground as yesterday, along edge of field & to old restinger on rega.

*515 Agyrtria ♂ 105

dark shining green above, tail blue black, bronzy towards base; white gleaming blue, feathers shaply edged with white, median line & throat belly white, sides flanks green; crissum dusky, edged white.

black, purple & blue | black

516 Todirostrum ♂ 112

same as No 505 brown | black | leaden

*517 Todirostrum ♀ 110

straw | black, pink tubes basally | purplish pink

Pileum sooty gray, nidal band dark slate, rump & tail edged with sulphur, throat & cheek grayish white, gray streaked, rest below medially pale yellowish white, sides, flanks & crissum pale sulphur, also band of wings & under coverts

*518 Todirostrum cinereum ♂ 114

straw | black, bill & median tubes pink | leaden

Pileum black, nidal band dark gray, almost sooty, tail black above & below, tipped white & edged with sooty, lesser wing coverts & edged sulphur; below sulphur yellow

*519 Dysthamnus ♂ 132

brown | black, black flecks below | olive yellow

Pileum & nape & flecks on back black, long narrow superciliary & median crown stripe white, concealed buff under black flecks on back, wings & tail edged with olive, coverts tipped white, below buffy ochraceous, dusky sides & back with slight black streaks, flanks cinnamon; under wing coverts sulphur

520 " " ♀ 130

♀ same as male below; above white pileum streaked with cinereous black & olive, chin streaked with black & white & cinnamon pileum

✓ 521 Phougopedius ♀ 155.
same as No 509 brown | black, loader below | brown horn

✓ 522 " " ♀ 163.

✓ * 523 Galbula ♀ 217
brown | black | loader above
Upper parts, throat & cheeks shining green, plumage slightly tinged green; next below, cinnamon, tail coppery.

* 524 Tringa ♂ 186
brown | black, dark below | yellowish drab.
Upper parts slightly olive greyish, dark glossy centre, narrowly barred with black, white, outer edged white, median feathers of crown white in inner web, white below; outermost feathers barred black & white below

✓ * 525 Thamnophilus doliatus ♀ 126.
straw | black, loader below | leaden blue
♂ Plumage dusky, also tail, wing bars bright cinnamon sides, head mixed black & cinnamon, also upper side & rump; tail below deep buffy ochraceous, under duller & slightly mixed with black

✓ 526 Ramphocelus ♀ 188.
brown | blackish, pale horn below | deep blue

* 527 Tyrannus melancholicus ♀ 226
brown | black | black.

✓ * 528 Saltator ♀ 235.
Head & upper parts slate grey; white superciliary & black malar stripe, throat white, cheeks & breast ashy grey; belly & crissum tawny cinnamon
brown | black | black

* 529 Stenopsis (?) ♀ 224
brown | black | blackish
Sooty black above, mottled with white & cinnamon under on scapulars; tail barred dusky with cinnamon terminals white; head blackish, lores & cheeks mixed with cinnamon; next below finely barred dusky & buffy white

*530 Electron platyrhynchus ♂ 310.
brown/black/black
White head, throat, chest, chestnut, black patch around eye & an accessory stripe below.
Head, flanks, black, back & wings green, tail blue above, black below, axil. white green

*531 Ortalis ♀ 425.
brown/black at base, tip brown/blue/pink head
Palerm. crown, nuchal region & front edged pinkish, rest of head brown; throat & upper chest dusky, lined with white, rest white on chest, rest below buffy ashy, merging with reddish cinnamon chestnut, & tail below

N 532 Chelidoptera tenebrosa ♀ 184.
brown/black/blackish

N *533 Chlorophanes spiza ♂ 149.
brown/black, some yellow below/blue

N *534 Pipra erythrocephala berlepschi ♂ 118
white/black, flesh below/dusky flesh

N 535 Troglodytes musculus ♀ 136.
brown/black, flesh below/dusky brown
(10)

Pereue, Dec 25, 1929

Found my bill back 9 hours, up river old mouth Trail, about 500 ft. through old heritage mostly, with one virgin forest in between. Came next up along river (small river crossed by Pauote/Pereue)

*536 Unknown ♀ 105
black, dusky flesh below barely black
shining green above tail appears bronze, dusky
white/below, sometimes, laterally dusky greenish,
crissum dusky, but buffy coffee, bill pinkish

*537 Formicivora ♂ 136
brown | black | leaden

♂ below, upper sides of neck black, feathers broadly edged with ashy, the next velvety black; median part breast & belly white, sides of breast ashy, flanks & crissum brown; back & rump chestnut brown, black patch in middle of back, with concealed white patch; wings edge brown, inner black, tipped white.
♀ above similar to male, but duller, throat & chest cinnamon buff, belly buff; sides & flanks brown

538 " " ♀ 125.
brown | black, leaden below | blackish flesh

539 " " im ♂ 134

✓ *540 Tangara ♂ 140.
brown | black | leaden black

Front, palpebrum, cheeks & eyes, nape, nuchal area, rump & wing & tail black, middle of crown, sides of head, lower wing coverts & bases of quills & lower back & rump shining caerulean blue; throat black, feathers broadly tipped blue. next below bright sulphur yolky, sides & flanks blue, each feather with large black spot

✓ *541 Veniliornis ♀ 180
brown | black, dull from below | leaden blue

Front, superciliary & eye region blue brown, palpebrum dusky, marked with scarlet; nape golden yellow, upper parts golden olive, back & rump marked with golden yellow, upper tail coverts barred buff & blackish tail black, with broken buff bars; below finely barred black & rufous / some red on wing coverts, inner webs of wing quills with zone of large white spots & inner wing coverts white / Tail below barred buff & black, black tips

542 Chelidoptera tenebrosa ♀ 127.
brown | black | blackish

543 Piaya cayana ♀ 490
carmine | sea green, darker basally | leaden

N 544 Rynchocyclus ♂ 137.
Same as 506 brown | black, blue flash tdrs | leaden

N 545 Dysthamnus ♂ 135
Same as Ins 519 brown | black, bluish flash tdrs | slate

N* 546 Hylicora fasciata ? 146.
brown | black | black
♂ Metallic blue black above and below, wings & tail sooty; a broad band of white (½") over chest & tibiae white, tail deeply forked (35 mm - 70 mm)

N 547 " " ♀ 150.

N 548 " " imm ♀ 135.
♀ same as ♂, except lined sooty, also median line of abt, & white patch of outer ret, tail forked but 15 mm.

N 549 " " imm ♂ 130.

N* 550 Volatinia jacarini ♂ 125
brown | black, iron blue below | black

N* 551 Sycalis ♀ 171
Nagel | black, iron blue below broadly | olive
Pileum, nape, wings & tail chestnut; rest above, sordid brown lore dusky, auriculars & sides of throat ashy, middle of throat blackish, [illegible] slightly tipped ashy; breast & belly ashy brown sides & flanks & abdomen tawny brown, under & under wing coverts cinnamon, crissum buff.

N. 552 Ramphocelus ♂ large black ♂ 184.
♂ red brown | black, mant. rump pileum | black, darker
Head throat & chest rich crimson, pileum & body blackish.

N* 553 Myiodynastes ♂ 222.
brown | black | black
Pileum & back dull olive, heavily streaked with black, rump black, middle & sides of crown edged with pale yellow, ashy tertials; rump chestnut, shafts of black with steel; Tail black, broadly edge with chestnut on both webs

X X X

[34]

chin blackish, fronts superciliaries rufescent, finely streaked
rest black, throat white, rest below yellow, breast
heavily streaked black, abdomen

(7)

Perené, Dec 26, 1927

We both went up the small river, on the negro, mi
old routes. Started raining about 7 30 & we were
forced to come in at 9 30.

N 554 Todirostrum cinereum ♀ 111
crown | black, flank below, edge black | leaden

N 555 " " imm ♀ 111
gray | black | leaden

N 556 Elaenia-like Flycatcher ♂ 128
= brown | black; flank below | black

✓ 557 Basileuterus uropygialis ♂ 148
brown | black, pale at base below | pale brownish flesh

558 Synallaxis _____ imm ♀ 167
same as Nr 551 brown | black, brown blue below | dark slate

*559 Ant Thrush - White eared _____ ♀ 178
brown | black | leaden blue

Front cinnamon, fading into olive brown & rufous
& white buffy superciliaris; lores & sides of head black;
upper parts & wings dark olive brown, greater coverts tipped
with buffy, & some of median coverts, lower part entire,
sides & flanks ashy brown; crissum light olive brown.

(3)

Perené, Dec 27, 1929

Traveled up the road past the Perené bridge 8 or 10 the river on right bank for about 1½ miles above bridge. All forest a big nitrogt.
Clear travel up country road towards San Juan, did not go far.

*560 Phaethornis _____ large spec. ♂ 168.
black, pale subterminal below | dusky flank
Pileum sooty, nape & back thinly green, rump & upper tail coverts buffy, feathers edged dusky — basal half of tail blackish tips white; median, next central & median throat patches buffy. upper throat blackish, throat & breast buffy gray tinged belly tawny buff, crown rufous, throat patch & ruffed white
561 " " ♂ 170.

*562 Microcercus _____ ♂ 122.
brown | black, flank below | dark brown
Pileum & nape blackish, edges dark brown; rest above dark reddish brown; a few buff spots on back wings blackish, median & greater coverts slightly tipped white, throat white, breast buffy white; flanks, belly & crissum barred brown & white & dusky
563 Rhynocyclus ♂ 129.
same as Nr 506 throat | black, flank below barely | barred

*564 Elainopsis (?) ♀ 130.
Pileum slaty, — brown | black | dark brown black
large concealed pale yellow patch, upper parts olive green; secondaries & tail pale grayish yellow, greater coverts broadly tipped pale yellow; sides of head olive; cheek streaked yellow & olive green, belly & crissum pale yellow, breast & sides dusky gray, flanked with white, white eye ring
565 Dysthamnus ♂
same as 5[illegible] throat | black, barred below | olive

*566 Sporophila _____ ♂ 110.

✓ *567 Picumnus jelskii ♂ 96.
Legs | black, bodenat brownish below | olive
Pileum & nape black, with small white dots, forehead and golden dots; back olive; entire underparts barred with black & pale yellow, tertials edged yellowish

✓ *568 Iridiprocne albiventris ♂ 137
brown | black | black
Entirely white below, rump white, greater coverts & secondaries black broadly edged white, back shining green, also pileum, concealed white on back

✓ 569 " " ♀ 137

*570 Sayornis ♀ 190
brown | black | black

571 " " ♀ 180

572 Galbula ♀ 227
brown | black | olive

✓ 573 Ramphocelus ♂ 187
red brown | black; rump rami, silvery white | black

✓ *574 Cacicus persicus L. (Key) ♀ 246.
delft blue | pale sea-green | black

N*575 Atalotricus ——— Effe pilaris ♂ 125.
yellow stem | black; terminals below | brown tarsi

N*576 Flyrabia near Elaenia large ♂ 133
brown | black | black
Dull ashy brown above, slight white superciliary, double white wing bars; throat & chest dull olive ashy, mixed with yellowish, belly & crissum dull yellowish white.

N*577 Cyclarhis guianensis ♂ 162
brown | pale rufous brown, palest apically | pale.

N*578 " " ♂ 155
yellow | dusky brown | leaden below | dusky pale

N 579 Thamnophilus doliatus ♂ 177
stem | black, leaden below barely | leaden
♂

N*580 Thlaupis cœlestes male blue, adult female ♂ 190
brown | black, leaden below | dark leaden

✓581 Cacicus _____ ♀ 252
blue | pale sea green | black

✓582 " " ♂ 292
blue | pale greenish yellow | black.
(9)

Perené, Dec 28, 1929.

Inward ride and to coffee on west side of mountain, road through rattan & some forest. Practically all shrubs taken on old roadway, except some in coffee shade or edges of fruit. Clear creek at San Juan Road. Saw a few bats of birds that could not examine.

583 Agyrtria _____ ♀ 102
Equals No 515. blue throat.
black, purple flesh tarsus | black

584 Tian Elaenia _____ large ♂ 128
Same as No 576. gray | black, pale bluish tarsus | black

*585 Myiobius barbatus ♀ 131
brown | black, pale below | leaden
Upper parts (to lower back) dark olive green, slight concealed lemon crown patch, Rump pale sulphur white, upper tail coverts & tail black; wings with blackish, edged dark olive, throat & chest buffy ochraceous; rest below sulphur yellow, crissum mixed with dusky

*586 Rhynchocyclus sulphurescens ♂ 145
brown | black, pale below tarsus | leaden
description after No. 602.

✓*587 Vireosylva flavoviridis ♀ 155
red-brown | dusky brown, pale below | leaden
Palum apex grey, rest above, bright olive green, bright on tail edgings, superciliary region white; arcuate dusky green. sides of neck & chest & narrow short band above yellow, throat, brown throat & belly white; crissum sulphur; sides olive yellow, wing edgings yellow

*588 Piprampha _____ ♀ 135
brown | black, paler below badly | blue flesh.
Above brownish olive, buffy olive on rump & upper tail coverts wing coverts edge buffy cinnamon, quills edged olive brown below brown (parts rich buffy cinnamon), also under wing coverts. throat slightly dusky grayish streaked

589 Synallaxis _____ im ♂ 165
Same as 551 brown - black, throat pale buff | bare skin

590 Pheugopedius _____ adult sex? ♀ 150
ad. brown | black, tarsus tubercle | dusky brown

591 Pipra erythrocephala ♀ 120
grey | black, dusky pileum | pale brown

592 Galbula _____ ♂ 234
brown | black | blue

593 Tanagra _____ im ♂ 108
? probably same as ♀ taken by them brown | black, tarsus bright yellow
♀ top of head greenish white; front greenish yellow, back part of crown & nape slaty; back shining blueish slate, rump yellowish blue; lower parts bright yellow, with slight blue wash; under wing coverts & edge of quills white
belly white.

*594 Tangara yeni ♀ 153
brown | black | tarsus
Front, nape, sides of neck, back, greater wing coverts & quills black, also outer tail coverts & tail, blue; back & rump brilliant scarlet, bill & side of head pale apple green, feathers of lower wing coverts silvery blue, followed by narrow band of purple, remainder edged purple; throat purple, rest below silvery blue, shading to belly & crissum black.

595 " " im (?) 149
Immature bird same except color less marked

*596 Hylocichla _____ ♂ 182
brown | black, tarsus & tubercle | pale brown

597 " " ♂ 183

598 " " ♂ 179
Olive brown above; throat, chest & flanks buff, first two spotted on chest with blackish; next below white, under & flanks pale brown.

[37]

599 Thraupis cœlestis ♂ 183
brown black, leaden blue | leaden blue

*600 Thraupis palmarum ♂ 192
brown | olive | black

*601 Cissops leveriana ♂ 279
yellow | black | black
Whole head, neck, nape, back, chest, shining black feathers all bounded over white & next & scapulars parts; wings, black, scapulars edged white & inner coverts white, also under tail coverts

N*602 Pachyrhamphus _____ ♂ 155
brown | leaden blue | blk. | black | leaden blue
Pileum & nape black, rest above olive green, forest narrowly buffy white, throat & chest yellow, more olive below on chest & sides of neck; next below white;

(586 Rhynchocyclus _____ 145.
Pileum dark slate, rest above dark olive green, wings black, coverts & tertials edged with dull yellow, primaries edged dull tail sooty brown, edged olive green, throat & chest pale greenish yellow; loral & eyelid whitish; next below yellow also inner wing coverts & edges of primaries pale yellow

mm

Perene', Dec 30, 1929.

*603 Chlorostilbon ♂ 86
shining green above, glittering green below, with blue about below & dusky about eye; tail steel blue black/black

604 Agyrtria ♀ 103
black, front black below/black

605 Elaenia-like Phyllomyias ♀ 127
2 cer 576 brown/black, flecked lore below/black

*606 Tiaris (?) ♀ 117
brown/brownish yellow, ridge black
Olive brown above, head violet dull grayish brown, also sides & flanks; belly & crissum buffy white, streaked dusky

607 Synallaxis ♂ 165
same as other form but red-brown/black, leaden below olive

*608 Myiochanes ♀ 152
brown/black, yellowish at extreme base below/black

609 Thamnophilus doliatus ♂ 170
straw/black, leaden below/leaden

610 " " ♂ 172

611 " " ♀ 166

612 Pithys ♂ 148
same as # 559 brown/black/leaden
♂ Plain grayish white, slaty in middle of rump, throat black; rest of body dark slaty blue

613 " " ♀ 149

*614 Elaenia ♂ 173
brown/black, flecked below/black
dark olive above, concealed crown patch pale yellow throat & chest ashy; sides & flanks grayish olive, belly white

Dec 30

[38]

crissum pale yellow, Tufts dusky subterminally; coverts broadly tipped with grayish yellow & secondaries edged pale yellow

*615 Negatus albicollis ♂ 162
brown | black | black.

✓ 616 White cheeked Curaeus ♀ 150
brown | black | black

✓ *617 Spinus ♂ 120
brown | black, pale basal tail color | black
Pileum, sides of head & throat black; above olive yellow, streaked with dusky; upper tail coverts plain olive yellow lower parts greenish yellow, belly pale yellow; lateral black, tipped white; under coverts tipped yellow; yellow wing patch

✓ 618 " " ♂ 117

✓ 619 " " ♂ 121

✓ 620 " " ♀ 126

*621 Claravis pretiosa ♂ 218
brown | pale dusky, ridges blackish | pale.

N 622 Todirostrum ♀ 115
Cinereum superciliaris & angusti
brown | black | basal ½ yellow

N ✓ 623 White Browed Swallow ♂ 140
brown | black | black

N ✓ 624 " " " im ♂ 133

N 625 Negatus albicollis ♂ 164
same as No. 615 (6)

Number of species Parana 145
Colonia Perene " Perene' 56

total species = 201

Colonia Perene, Junin

DEC 28 '29

DEC 30 '29

DEC 30 '29

San Juan de Perené, Jan 1, 1930

6.26 Todirostrum cinereum ♂ 117
straw | black | leaden

✓
*627 Dendroica _____ ♀ 135
brown | black, flank below | yellow flank.
Ashy gray above, with slight olive wash in middle of back & future, more pronounced on front. Lores & ring around eyelids yellow, with a dusky spot in front of eye & above lores. Yellow below, chest spotted with dusky; crown white.

628 Elaenia-like Flycatcher ♂ 131
≠ Nr 605 brown | black | black

✓
*629 Pachysylvia _____ ♂ 135
straw | brownish brown, flank below | flank
Olive green above, brighter on front of pileum & rump; tail & wings edged with brighter olive; below olive yellow, darker & dusky on chest; paler on belly, almost white & clear yellow on crissum

✓
630 " " ♀ 130

✓
631 " " imm ♀ 133

✓
632 " " imm ♀ 136

633 Synallaxis _____ ♀ 165
Same as Nr 551 red-brown | black; leaden below | leaden slate.

✓
634 Tanagra imm ♂ 125
brown | black; leaden below | leaden

✓
635 Spinus _____ ♀ 110
same as 325 (?) brown | black, brownish olive below | dusky brown

✓

* 636 Cactus Wren ♀ 200

pale hazel black; flank below antecubitals black bars upper parts dull ashy brown, darker centers on feathers on forehead & nape & intercapsulars, with a few buffy white spots on interscapulars; wings & tail dusky brown edges narrowly edged with broken brown below dusky buffy white, chest, breast & belly spotted with small rounded spots of blackish & crescentic barred black & buff

✓

637 " " imm (?) 197

♀ with more white subterminal spots on intercapsulars

N 638 Atalotriccus (?) ♀ 110

Same as 575 straw | dark brown, paler below | dusky brown

Pileum ashy brown; next above white; wing coverts dusky tipped with buffy yellow, & rather broad edged yellow green

Throat ashy white; next below white, flecked pale ruddy brown; breast & sides ashy brown; middle bright ruddy

N 639 Thamnophilus doliatus ♀ 168

straw | black, barred below | black

✓

N 640 Cacicus Wren ♀ 200

red brown | black, thinly pale below | brown

* N 641 Capurus ♂ 167

brown | black | black

Entire body black, except front hair & pileum white & back pale ashy; small white patch on corner neck & upper part & upper tail coverts

✓

N 642 Ramphocelus ♂ 185

red brown | black; wing & rump white | black

(5)

San Juan de Perene, Jan 2, 1930

9 went down east road. to forest, all birds but Cassiques shot in forest & about ten around foraging out. Came ahead and brought coffee & went promoting.

*643 Long Tailed Grackle ♂ 338
brown | black | pale horn

✓
*644 Chlorapipo holochroa (?) ♀ 136
brown | black, yellowish flesh colour) black flesh.
Entirely dark bright grass green above; below darky olive yellow, more olive on chest & more yellowish on belly & crissum

*645 Dysthamnus semicinereus ♂ 132
brown | black, leaden below) leaden blue
Pileum slaty gray, auriculars black, upperparts dark olive gray lesser coverts black, greater dusky olive, slightly tipped white, throat & chest pale ashy gray, belly grayish white, with yellowish wash

*646 Yellow Rumped Flycatcher ♂ 134
brown | black) black.
Pileum & sides of head black, concealed yellow in crown; back neck olive green, rump saffron yellow, tips of upper tail coverts & tail rich cinnamon above below; throat dark ashy, chest olive green rest below rich saffron yellow

*647 Black Throated Gray Cut Throat ♂ 134
brown | black | leaden
Pileum & throat black; front & cheeks olive; sides black throat white; above dark slate gray; below ashy gray; wing coverts black, tipped white; gluish edged ashy

*648 White Eyed Ant Bird ♂ 135
brown | black & orange
Pileum, sides head & lower throat black; frontlet & chin throat white; rump, sides of neck & entire ventral parts rich chestnut also tail & tips tail coverts. Back & wings, slaty black

✓

*649 Leucolepis thoracicus ♂ 165

brown | black | brownish black

Pileum & upper back dark seal brown, slightly ruf-ous on interscapulium, wings & tail blackish edged with seal brown, throat, chest & sides of neck rich chestnut ruf-ous, rest below clove brown, thereon barred black & ruf-ous.

*650 Xenicopsis ♀ 178

brown | blackish brown, dark fleck below | bluish

Pileum & upper back seal brown, rump & upper tail coverts cinnamon; tail chestnut, darker above; superciliary throat buffy ochraceous; rest below darker ochraceous cinnamon buffy cinnamon

✓

651 Tangara ♀ 155

Same as 594 brown | black | bluish

*652 Dendrornis ♂ 234

brown | blackish brown, dark fleck below | bluish

Pileum blackish, finely spotted with elongate oval buff & buff, nape & back with seal brown, with buff shaft streaks; wings, rump & tail chestnut, wing coverts clove brown; throat buffy

653 " " ♂ 235

654 " " ♂ 239

*655 Dendrocolaptes ♂ 320

brown | blackish, buff fleck, brown below | olivaceous

Pileum & back clove brown, narrowly streaked with buff on pileum, nape & upper back, thicker on nape & sides of neck. Wings, tail, lower back, rump & dark chestnut, throat buffy, feathers narrowly edged with blackish, less on chin, more on lower throat chest brown with elongated buff centers, bordered with black; breast belly & crissum buffy brown barred with black; inner wing coverts tawny buff narrowly barred black

656 Dendrocolaptes ——— ♀ 292
same as 291.

657 " " ♀ 305

*658 Xiphocolaptes promeropyrhynchus ♀ 320
brown | dusky brown, pale bill with horn below | olive

659 Cissops leveriana ♀ 263
yellow | black | black

N 660 Cyclarhis guianensis ♀ 160
orange | brown, crown, head & throat below | flesh

N 661 Brachyspiza capensis ♂ 146
brown | blackish brown | brownish flesh.

N *662 Turdus ——— type of obsoletus. ♂ 228
brown | blackish, throat paler | dark brown Inside
upper parts dark grayish brown, throat white, streaked brown, chest light grayish brown, also flanks & sides, rest below white.

San Juan de Perene', Jan 3, 1930

663 Long Tailed Dead Sucker ♂ 366
= Nr 643 brown | black | dusky brown

664 " " ♀ 265

*665 Dendrocincla ——— ♂ 254
brown | black, pale shaft below | Eastern Bay
Dark seal brown above, lighter, olive tinged, paler below, wings & tail chestnut, frame, with primaries tipped with blackish; tips of coverts chestnut; inner webs of remiges buffy rufescent & inner webs of quills edged same.

*666 Myrmothaerula ♂ 118
♀ yellow/dark, dark grey, narrow eyes, black, head, thorax, petiole, wings, tail, legs, mid tarsi, hind tibia, black, tarsi, light, with white, hind tarsi, grey, petiole, thorax, narrow, thin, lemon, yellow
grey brown | black, leaden below, tarsi | leaden

*667 Myrmothaerula ♀ 117
♀ straw/black, leaden blue below/leaden blue
upper/pale same as 666 but a little darker
grey above, tipped, with buffy, tinted, eyes, white
brown, dark, brown, above, pale, on, flanks, crown

668 Dysthamnus semicinereus ♂ 130
brown | black, leaden below, tarsi | leaden blue

669 Black Throated Grey Bird = Ter 647 (?) ♂ 132
brown/black/leaden blue

*670 Xenops genibarbis ♂ 130
brown/black, pale below/leaden
Pileum, black, brown, forming, pale, buff, back
buffy, brown, with, buffy, streaks, on, nape, rump, & upper
tail coverts, throat, supercilium, malar, streak, superciliary, &
upper, throat, white, but, olive, brown, streaked, with, buff
671 Picumnus ♀ 95
brown | black, leaden below | leaden olive

672 Spizus ♀ 115
brown | black, pale, brown, at, base, below/black
617 - ♀ same as ♂ except, no, black, on, head,
pileum, like, back, & throat, like, chest, belly, olive, yellow,
on, middle, of, breast, belly, & tips, of, central, rectrices,
basal, half, of, tail, yellow

673 Leucolepis thoracicus ♂ 165
= Ter 649 - brown/black/black

674 " " ♀ 166

675 " " ♀ 161

676 Cactus Wren ♂ 207
= No 636 brown | black, dusky flecked below | leaden blue

677 " " ♂ 202

678 Dendrocinis ♂ 240
= No 652 brown | black barred, chin, throat pale buff | olive

679 " " ♂ 245

680 Veniliornis ♂ 186
= No 541 brown | blackish, throat flecked white | leaden blue

N 681 Xenops genibarbis ♂ 131
brown | black, flecked below barely | leaden

N 682 Thraupis cœlestes major ♂ 176
brown | black, leaden below | leaden

San Juan de Parene, Jan 4, 1930

Found nest in the fruit at east side of plantation
Took with hawks & Rail in open near top of
ridge. Rail in bush on edge of canyon. Tanagers,
Icterus & Myiarchus No. 689 in fruit

N 683 Tramophilus dealbatus ♀ 175
gray | black, leaden below | leaden blue

N 684 Galbula ♀ 230
brown | black | olive

N *685 Philydor (?) ♂ 190
brown | black, leaden blue below | leaden blue

Head & lower parts to crimson dusky ashy olive, back
rich olive brown, nearly rump, lower back, upper
tail & thighs bright cinnamon rufous; crescent of buff
below throat; under wing coverts & lower middle of
wing quills buffy white.

686 Dysthamnus ♀ 125
Same as No 519 brown \ black, blue bill \ pale blue

687 Dysthamnus semibrunneus ♂ 133
brown \ black, dark leaden below \ leaden blue

688 " " ♀ 126
brown \ black, flank below \ leaden blue
♀ Pileum v. rather bright brown, rufous forehead dull olive brown & black & grizzled olive, feathers with pale centres & brown & dark bases, lores & chin buffy yellow, white above

*689 Euscarthmus rufigularis ♂ 134
olive \ black, flank below \ white

*690 Elaenia ♂ 159
brown \ black, flank below \ black

691 Thraupis (Ridgw.) ♀ 181
brown \ black, leaden blue below \ leaden

*692 Formicarius ♂ 192
brown \ black, below dull brown \ dark brown
Pileum rusty black, rest above dark clove brown, upper tail coverts chestnut brown; rump black, cinnamon band on under side of quills basally, cheeks color of back & dusky edged brown; throat buffy, flecked with dark brown, chest on sides, chin slaty, banged olive brown in center, breast & sides ashy, slightly washed with dark olive on flanks, belly brownish, crissum cinnamon; tail blackish

[43]
180

*693 Lutl. Thalassa ♂ 180

bright buff red | black beaded white | buffy | pale buff

Pileum chestnut, rest above dark olive, inclining
ferruj, but wings darker & browner olive; chin & throat
rest below cinnamon rufous

*694 Tiaga ♀ 207

brown | yellowish olive, ridge black | pale buff

Upper parts, Throat & chest hair brown, darker on
pileum & head generally; white bar across chest, rest
below scarlet; wings edged white, coverts & tertials mottled
with pale brown & dusky; tail chestnut above, below, black & cinn
webs basally, rest white on 3 outer tail feathers

*695 Micraster (?) ♂ 348

buff | gamboge, ridge black | pale buff

gamboge & ridge of cere | gamboge

Accipiter (?) dark slaty blue above, tail blacker with
2 narrow broken white bars above; chin, sides of throat & neck ashy gray; belly white, rest
below narrowly barred slaty black & white, on
last breast two close even, on breast wider & plain
black bars much narrower than white, & white
spots on inner webs of tail below; wings barred
with white underneath.

*696 Rupornis ♀ 360

straw | blue black, beaded below | pale sienna

yellow | cere sienna yellow, also eyelids & | bill pale

Dark sooty brown above, sides of head finely streaked
with white; wing coverts, inter scapulum & tertials narrowly
tipped cinnamon buff. Longer tertials tipped white.
Tail with 3 gray bars & tip above, grayish white
below with 2 or 3 black bars, narrower basally
inside of wing buffy white, narrowly & irregularly
barred with black. Throat & chest slaty, streaked medially
with white, breast barred white & dusky brown
crissum white, narrowly barred dusky; thighs buffy, barred
with brown

Temperature at 7 a.m. from 4th
Max. & min. for 3 days following

64° to 85° F.

Barometer = 25.50 in. (4300 ft.)

From flow on, all collected by Commodore above [49]

San Juan de Pacua, Jan. 6, 1930.

✓ *697 Dacnis ♀ 178
brown | black, pale blue below, narrowly | brownish black.
White band (except Wing) across base of bill, part of interscapular.
Upper parts white, wings & tail black, wing bars dark green, rump & upper tail coverts bright shining yellow green, crown & upper hind neck bright yellow green; chin & throat like rump; lower parts bright yellow green, tinged on belly

*698 Cyanerpes cyaneus ♂ 127
brown | black | black. breeding
Plumage entirely black, with a head, wings, throat & upper short & body of most, with shortened rectrices. Bill & legs scarlet. Tail stiff & spiny, square. wing 125, tail 48

699 " " large ♂ 135

700 Long Tailed Honeycreeper ♀ 260
brown | black | blackish

701 " " imm ♂ 263

*702 Chaetocercus (?) ♀ 75
blackish olivaceous, red brown laterally | black
Crimson front & throat, side of head, ear coverts, crown & hind neck purple; back & tail crimson, lighter & tail crimson with subterminal bright blue bars; rump & upper tail coverts bluish purple

*703 Popelairea popelairei ♂ 114
black | black.
Long frontal & nuchal crest yellowish green, long pointed outer tail feathers bright blue below & tip, purple with above dusky showing bright green, white rump & band across lower rump purplish; throat yellowish green, lower throat & breast greenish black, rest below dusky; lower chestnut

704 " " ♀ 76
black | black.
Bill erect, short Tail, white tipped, throat & side of neck with white basally showing green; white rump band, brown rump purplish, tail obscurely blue black; rest of breast & lower chestnut. no ♂ white under tips

*705 Chaetocercus mulsant. ♂ 94

black | black

Above dark shining grayish green, rather duller on crown, chin white, middle of throat glittering green; rest of lower throat white, sides & flanks dark green, middle of breast & abdomen white; tail black with feather fifth from outside, and all but two middle ones tipped with white, outer feather also edged with white; wing coverts & quills dusky black, latter narrowly edged with dull green; tail edged above yellow; below cinnamon; bill & feet black.

706 Compsothlypis ♀ 114

bluish black, yellow below | dusky yellow

707 Rhynchocyclus flaviventris ♂ 130

smaller species, yellowish green above, fully yellow in middle brown | black, throat & breast below | darker than

*708 Elycalus (?) ♂ 129

brown | blackish, pinkish blue below | dark brown

Above dark olive green, forehead dusky grayish, median & greater wing coverts, bases of quills & outer tail feathers edged with dull yellow; tail edged above yellow; below cinnamon; bill & feet pale.

709 Microeca striaticollis breeding ♂ 142

same as Hemitriccus, tail

brown | black, pale ash brown below | darker

710 Pachysylvia ♀ 130

Same as Hemitriccus bend

tawny brown | brownish, pale below | rufous pale

711 Xenops genibarbis ♂ 131

same as Sclerurus

brown | black, white feathers beneath | dark reddish

712 Tangara guttata breeding ♂ 136

brown | black, blue below | paler

713 " " ♀ 125

[45]

✓ * 714 Tangara (typ.) larvata ♂ 133

Head, head & neck yellow, shading to green on breast with purplish; back & head black, feathers tipped purplish blue, crown black, tipped blue green, shoulders edging & coverts shining golden orange, tipping edge blue; primaries & rectrices tail coverts dusky, tipping, lores black.

bill | black | feathers black

714 ♀

✓ 715 Spinus ♀ 121

Same as #617 except not black on head, pileum shading olive, with black & streaked yellow & black; throat & breast like upper cheek; bright olive yellow below, belly pale sulphur, crissum & tips of tail canary yellow.

bill | dark horn, pale horn below | dark brown

Wood over all with red for eye by operator. Found among birds on Guamuchal Finca & about 12. Miles from Escuintla & Escuintla. Perhaps a good track & 3 hunters also on Atlantic Pacific Slope.

San Juan de Rezué, Jan 7, 1930

716 Rupornis ♂ 859
same as No 696

*717 Cappastornum ♀ 108
Crown black, bodies tufts black
Plumage grey brown, all plumes dark brown, lower rump
& under tail feathers white, tail grey black, middle
feathers white, outer feathers white, other
feathers white grey, lower part & tips grey
Yellow, bill black & horny, cere blue in life.

718 Hummer ♀ 78
same as No 704 - black & black,

719 Chlorostilbon ♂ 84
same as Rezué bird black & black

720 " " ♀ 84
♀ grayish white throat - black & black

721 " " ♀ 86

✓ *722 Dendrocincla ♂ 138
brown black, pale brown & yellow shaft
Upper parts dull grey, crown & nape brown black, ending behind
in central black patch on hinder, yellow from nostril to
behind eye, brown patch above yellow, black line from
side of crown, chestnut yellow from behind
chest spotted with black, crimson white tips of
feathers centrally, dusky grey

✓ *723 Myiobius vertical ♂ 138
brown black & black

✓ 724 " " ♂ 143

*725 Tyrannisc ♀ 115
description of this bird under 708.
description of 708 under 725.
Crown black purplish blue & dark tawny

Jan 7

[46]

726 Tyranniscus (?) ♂ 128
brazel | black, leaden below | dark leaden

727 Myiarchus ♀ 155
crown & Nape brown | black, blackish brown below | dark brown

*728 Nonnula ruficapilla ♂ 153
brown | black, leaden below barely | leaden olive
Pileum chestnut, median portion & throat & chest buffy ochraceous; sides of neck & abdo. rufous; back olive gray next pileum brighter; abdo. buffy white.

✓ *729 Tangara gyriloides Medium ♂ 140
brown | black, brown below | leaden
Pileum & nuchal patch black; rump dark chestnut; tibiae & crissum grass green, broad back & chestnut pileum & shoulder golden yellow; remaining below, median wing coverts bright green

✓ 730 " " Medium ♂ 145

✓ 731 Pachyrhamphus ♂ 152
brown or Nape & head brown | black, leaden below | leaden

✓ *732 Piranga ♂ 190
partially migrant | brown | brown, ridge darker | leaden brown

✓ *733 Schistochlamys ater ♀ 188
red brown | jet black, throat barely, black adjacent | leaden
Pileum, nape & back & throat black; rump blue above; wings & tail blackish; ashy gray below, belly pale

✓ 734 " " ♂ 198

✓

Tangara ——— No 746
Front & region behind eye black, crown orange yellow flecked black, back black, streaked green; rump yellow Wings black, lesser coverts edged blue, also middle ones; greater coverts edged green over secondaries: Primaries edged blue, secondaries & tertials edged green; chin, sides of neck, breast & under ~~edged~~ & flanks apple green; median line from chin to crissum yellow

San Juan de Parana, Jan 8, 1930

Rain till 11 A.M. - Went out at 11 o'clock & over north road. Lost an hour in forest. got 1 tipping net & one bird Tangara No. 746. Then went out in coffee & got rest 7 birds. Back at 2 P.M.

✓ 735 Pachysylvia _____ ♀ 135
same species Straw | brown crown, polar below | black.

✓ 736 " " ♂ 138

✓ 737 Turdus _____ breeding ♂ 225
same as 662. brown | blackish, dark olive below | brown

✓ 738 " " ♀ 230

✓ 739 " " ♀ 230

✓ 740 " " breeding ♀ 225

✓ 741 Compsothlypis _____ ♀ 110
same as other bird | brown | black, yellow below | brown

* 742 Atalatriceus _____ type pilaris ♂ 119
same as 575 638 straw | blackish, brown brown below | brown brown
Pileum sooty, back & rump olive green, tail edged same
throat white, chest grayish, breast & belly pale yellowish
white; sides dusky; band & wing & inner coverts yellow.
lesser coverts olive; median & greater sooty, tipped yellow
wing edged olive, inner tertiaries edged & tipped whitish

743 Tyrannisc us _____ ♂ 124
same as No. straw | blackish, purplish flesh below | leaden black

744 Coporus _____ ♂ 285
same as other bird from here | brown | black | black

745 Myiochanes _____ (♀) 145
✓ same as other Two. brown | black, brown below | black

* 746 Tangara _____ ♀ 136
brown | black, pale brown below basally | leaden blue

✓ see description at bottom of opposite page.

747 Tangara _____ ♀ 133
same as 714

Monday, Jan 6, 1930

Had 5 birds skat yesterday evening, 2 Smiths 2 "Bicon-Safon & Rocky Creeks. Went out at 4 A.M. & returned at 10 o'clock, with 16 birds. Finished skinning 20 birds at 6 P.M. Morning broke at 7:30 A.M.

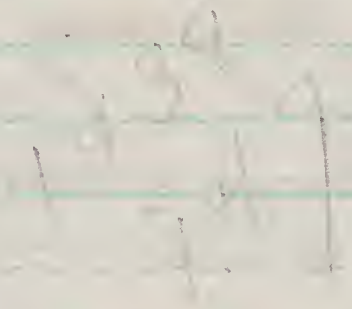
Tuesday Jan 7.

Thick fog, out at 7 A.M. fog & Scotch mist all morning till noon, partly clears. Left a bird. got back at 10 A.M. with 20 birds. no rain today

Wed. Jan 8.

Thick fog at 6 A.M., threatening rain. By time breakfast over, raining & rained till 11 30 A.M., when I went out & by rushing round like mad got 12 birds & back to home by 2 P.M. began skinning at 2 45 P.M. & finished at. 6 30

Total species previously taken = 201
additional species at San Juan = 45
Total species to date = 246



Yajas, Jan 12.

*748 Limnus ♀89
black; fleshy tubs - tentacles \ flesh
Shining green above, silvery below; dorsal fin yellowish-buffy edged narrowly black anteriorly, median fins pale blue, apical half black; ventrals greenish-buffy - gravid 8 mm., native about

749 Limnus tail, yellow [variety, rare] - Flycatcher. ♂136
area at San Juan - brown \ black \ black

750 " " " ♀128

751 " " " ♀135

752 " " " ♀136

La Cumbre de Yajas - Jan 13

753 Basilodirus auricularis (?) ♂135
brown \ black, brownish below \ dusky yellow

754 Elainops is ♂158
brown \ black \ leaden blue

755 Small-bodied Myiobius ♂134
brown \ black \ black.

*756 Pipra ♂121
black with white crown and wings;
brown \ black \ leaden

*757 Conopophaga ♂144
brown, crown white anteriorly;
brown \ black, black below \ leaden blue

758 " " ♀145
White band under black crown, brown throat & cheeks
white. brown \ black, flesh color \ dull leaden

Zinacan, Jan 14

*759 Premnoplex brunnescens ♂144
brown \ black, flesh color - black brown

760 Dysithamnus semicinereus ♀126
brown \ black, dusky blue below \ leaden blue

*761 Thripadectes, (?) ♀ 205
Streaked above & below, tail light chestnut
brown \ black, fat blue below median \ above

Deluceae "71" + "93" - Jan 15.

*762 Heliarthrea coeligena ♂ 153
black \ dark brown

*763 Sophotriccus squamaeventris ♂ 115
olive \ black \ leaden blue

*764 Pogonotriccus ♀ 117
brown \ black, yellow below \ black flecked

765 Basileuterus ♂ 138
brown \ black, flecked below \ brownish yellow

*766 Diglossa ♂ 133
dark blue above & cheek, rest below slate gray \ pale gray \ black \ black

*767 Myiobius ♀ 133
brown \ black \ black.

768 " " " " ♂ 133

*769 Cercomacra ♂ 160
brown \ black \ leaden blue

*770 Malacoptila fulvogularis ♀ 227
carmine \ black \ dull leaden blue

Jan 17 San Nicolas

771 Dysthamnus semicinereus ♀ 125
brown \ black, brown below \ leaden blue

772 Cercomacra sin ♂ 158
Same as 767 - gray \ black, pale below \ leaden blue

*773 Thamnistes (?) ♂ 165
Nagel \ black, flecked below, & dusky \ olive.

Jan 19, Aguacatan

*774 Ibycter americanus ♀ 570
crimson \ yellow, eye leaden \ pink naked

[50]

*790 Dactylon montana

Pale fugal. ~~t~~ \ fruit blood, tip pale brn \ fruit blood
skin around gr. dull crimson

9 2 25

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Pto. Lyeuph - Yauco.

*775 Myrmotherula ♂ 1.5
black-throated gray — brown | black, leaden-black below | leaden blue

776 " ♂ 118

777 " " ♀ 108
♀ black-throated thmt. brown | black, leaden-black below | leaden blue

*778 Myrmotherula ♂ 102
Gray, with slight black throat
brown | black, brown below leaden | leaden blue

*779 Myrmotherula axillaris ♀ 110
♀ dull throat. brown | black, barred below | leaden blue

*780 Formicivora ♀ 133
Chestnut-tailed, white-winged
brown | black, barred below | leaden blue

781 Formicivora ♂ 175
black throat, white shoulder patch, tail chestnut brown | black | leaden blue
Lares a Pérez.

*782 Cercomacra (?) ♀ 155
cinereous-tailed body brown | black, leaden below | dark leaden

783 " " ♀ 152

*784 Thamnophilus ♂ 148
plain olive, buffy barred below. brown | black, leaden below | leaden blue

785 Xenops genibarbis
brown | black, pale buffy barred | leaden blue

*786 Dendrocincla (?) ♀ 225
brown | black barred, with pale throat | olive

787 Dendrocincla ♂ 237
anna a San Juan brown | pale brown below, long curved bill | leaden

*788 "Dendro" Autumnalis ♂ 207
barred brown | black, buff throat barred below | olive

*789 Tanagra ♀ 173
dark brown above, buffy barred below
head | black, black below | leaden blue

Yeoman, Jan 21, 1930.

791 Myrmotherula axillaris ♂ 116
black below, white flank,
brown | black | leaden blue

792 " " ♀ 112
brown | black, white flank below | leaden blue

*793 Sporophila ♀ 113
brown | dark brown, yellow below | leaden black

*794 (Pitylidae) breeding ♂ 90
small, granulose, v below, belly yellowish.
brown | black, pale blue below | leaden

795. Thamnophilus ♂ 145
dark slate above, lighter slate below, wings & tail blackish, edged slate.
brown | black | leaden blue
same as 784.

796 " " ♀ 149
♀ dark hair brown above, buffy belly & crown, chest brownish
brown | black, leaden blue below | leaden blue

797 black throat, grey cast thruout ♂ 142
same as 647 brown | black | leaden blue

798 Cercomacra ♂ 156
same as 769 brown | black | leaden blue

799 Pheugopedius cantator ♀ 170
same as Perenn brush (white throat)
dk gol | black, leaden blue below | blackish brown

*800 Myiospiza ♂ 136
yellow head & throat
brown | black, pale blue below | blackish flank

801 " " ♂ 132

*802 Monasa nigrifrons ♀ 296
slate grey, black head, wings — red bill
brown | light chestnut and | black

803 Rectrygon montana ♀ 220

same as 790
iris dusky yellow | — | —

Puerto Yessup, Jan 22, 1930

Rained till nearly 1 P.M. - shot out at 1 o'clock & went down river. About 300 yds from town in a new corn field (corn harvested) saw a deer. Shot at 50 yds through neck, severing vertebra completely, such only vital part I could see. Had boys called to town & a man came & took it back. Had an auto front & circled round, coming out onto open prairie. Shot 20 birds, then two more got dressed & started on back at 5 P.M. Bed at 11 P.M.

*804 Myrmotherula ——— type pygmaea ♀ 95
brown | black, blue flesh | blue

805 Phaethornis ——— ♂ 171
same as Peru birds
black, salmon below | dusky flesh.

*806 Ramphocoenus ——— type rufiventris ♀ 142
hazel | black, blue flesh | leaden blue.

807 Myrmopagis ——— ♂ 114
black throated grayne
brown | black, leaden blue below | leaden blue.

*808 Dysthamnus (?) ——— ♂ 129
black above, streaked white, throat white, chin black & white, ends & flanks chestnut, belly white
brown | black, horn blue below | olive

809 Formicivora ——— ♀ 133
same as 780 brown | black, tomia leaden blue | leaden blue

810 " " ♂ 137

811 Picumnus ——— ♂ 90
same as Peru birds brown | black, throat white below
hazel | olive flesh

812 " " ♀ 94

813 Thamnophilus _____ ♂ 162
same as 795 brown / black, dusky pink tarsi / leaden black.

814 _____ _____ Ant Thrush ♂ 145
white eyelid, black throated, body slaty — same as Peru.
brown / black / leaden blue

815 " " " im ♂ 150

816 Formicarius analis _____ breeding ♀ 200
same as San Juan bird.
brown / black / brown color

817 " " ♀ 200

*818 Siptornis _____ ♀ 173
red brown / brown blue, pale tarsi / yellowish white
Wings & tail chestnut, rest of body, uniform brown, pale below

819 " " ♂ 175

820 Automolus _____ breeding ♂ 197
same as 788
Below & tail dark chestnut, back & wings rich uniform brown, below buffy brown

821 " " ♀ 205

*822 Tripsurus cruentatus ♀ 200
Black above & on the throat, post ocular white, nape yellow
wings & upper tail coverts white centred & broad & bully cinnamon
cinnamon below, sides & flanks & crissum tinged black & white
yellow / black / leaden blue / white around eye bluish yellow

*823 Buteridas _____ ♀ 405
yellow / black, blue yellow below / olive green on
front, yellowish behind.

Puerto Yessup, June 23, 1930

Up at 7.30 Am. - started shooting at once, & finished about 2 P.M. still raining. Went out shooting at 3 P.M. in rain go over on road beyond bridge. Back at 6 P.M. - 17 birds skinned & after supper. Bed at 10.30

824 Black Throated Grey Ant Thrush ♂ 135
brown | black | leaden blue

825 Myrmotherula ——— yellow bill, (?) ♀ 86
same as No 784 brown | black, black flesh below | blue leaden

*826 Terenotriccus erythrurus ♀ 105
brown | black, flesh below basally | pale blue

*827 Sypallaxis ——— tail unspotted ♂ 135
hazel | black, black flesh below basally | leaden blue

828 " " imm. (?) 180

*829 Stelgidopteryx ——— ♂ 140
brown | black | black

830 Sporophila ——— ♂ 109
♀ ? No 793 (?) brown | black | dark bill

*831 Eriomotus (?) ——— ♂ 150
brown | black | leaden below | leaden blue

832 Thamnophilus doliatus ♂ 180
barred | black, bands below broad | bands blue

833 " " ♀ 180

834 Dendrocincla ——— ♂ 235
brown | pale flesh tips, below & borders | bands

XX

*835 Diaj Cotinga ♂ 235
bdom | black | dark bastn

836 Myiospiza aurifrons zamorae ♂ 138
brown | black, black from below | black brn

837 " " im ♀ 133

838 Monasa nigrifrons ♂ 282
brown | chocolate | black

839 Buteorides ♂ 487
yellow | black, pale black, olive below | olive

*840 Tigrasoma ♂ 708
orange | ridge black, side brown, below yellow | dusky brn

Puerto Yessup, Jan 24.

Up at 6 15. Started 7 15 & came down river, crossing left 9 birds. Ex fresh tide & went out at 2 30. Back at 10 30 with 11 birds. Went out through pentanga & on across bridge on main road to big creek. Sun today in afternoon, fine day, no rain. Stayed till 10 P.M.

*841 Thalurania ♀ 118
black | dusky

*842 Dysthamnus ♂ 130
brown | black | flank.

843 Synallaxis ♂ 158
hazel | black, leaden brn below | dull olive
Same as No 827

844 Stelgidopteryx ♂ 147
brown | black | black

*845 Sporophila ♂ 120
Black, white inside wings, tail & belly, brown
brown | brn blue | blackish

*846 Xenicopsis _____ ♀ 192
brown | black, blue flecked | olive
dark seal brown above, rump & tail bright rufous; wings dusky like back; buffy brown below faintly mottled w/ blackish, buffy superciliary.

847 Automolus _____ ♀ 214
brown | black, blue flecked below | olive

848 Xiphorhynchus _____ ♂ 235
brown | pale bluish, base of max. black | leaden blue

849 Saltator _____ ♂ —
same as Pectoral. brown | black | blackish olive

*850 Cyanocorax _____ ♀ 355
brown | black | black
throat & head black, wafer brown, flecked pale violet blue, and dark blue.

851 " " ♀ 378

Panama Canal, Jan 25, 1930.
Up at 6 30, coffee at 6 45, start at 7 AM. Went over to Cocoa by train to Bohio, as far as rail runs. Crossed Chagres River & Lake Bohio in dugout. Lake Bohio is man-made by damming Chagres River. Lake is full of dead trees, many with buzzards perched on them.

*852 Myrmeciza hauxwelli ♀ 107
no black as throat all gray below.
brown | black, leaden below | leaden blue

853 Synallaxis _____ ♀ 132
brown above | hazel | black, lead below barely | olive

*854 Thryophilus _____ (Cyphorhinus albipectus) ♀ 131
hazel | black, brown below | leaden

*855 Hypocnemis _____ Spotted back ♀ 120
olive black, spotted with buff, golden brown above, head white, wide black malar streak, below buffy, abdomen, chest heavily spotted black, some grey below, concealed white in tufts
brown | black | white flecked

856 Dysthamnus _____ (?) ♂ 130
same as 808 brown | black, beaks below | olive

*857 Conopophaga (?) _____ ♂ 130
pileum + nape: brown, back slaty, feathers margined black long white post ocular, sides of head + chest slaty, throat pale ashy, middle of breast + belly white, sides + flanks buffy brown
brown | black | pale brown

858 Ant Thrush _____ Fr Black Throated Gray ♀ 135
See 861.
Crown rear brown, sides black thru eye + auriculars throat white, a few black spots along pectoral edge of white, rest below buffy cinnamon, sides + flanks brownish
wing coverts black, three buff bands.
brown | black, pale blue below | leaden

*859 Ant Thrush _____ _____ ♂ 148
Whole body slaty black, front + superciliary gray white slightly grayish white thru center of breast + belly
brown | black | leaden

860 " " (?) ♀ 142
♀ brown above, front + superciliary buffy, auriculars + lores black, throat pale white, middle of breast + wing coverts narrowly tipped buff
brown | black | leaden

861 Black throated gray Ant Thrush ♂ 145
brown | black | leaden

862 Stelgidopteryx ♀ 142
brown | black | black

*863 Wood Pecker. _____ _____ imm (?) 131
Plain above, dull rufous below, tail black with broad buffy median stripe on feathers
brown | black, pale at base below | leaden above

*864 Xenodalpis salvini (?) ♂ 154
~~brown | Sooty brown~~
brown | black, blunt pale below | dark brown
Description under No. 991

*865 Dendrocolaptes _____ ♀ 240
yellow | black | leaden brown

866 Formicarius analis ♀ 201
brown | black | brown

867 Automolus _____ ♀ 204
brown | orange | black, pale brown tips | chin

868 Nonnetus _____ im ♀ 435
dark brown, brown | black | black

Cerro Jefe, Jan 26, 1930

869 Ramphocaenus _____ ♀ 132
brown | black, pale tips | bare lores

870 Thalurania _____ ♀ 115
♀ same as No 841 black | black

871 Myrmeciza _____ — 105
dark chestnut, rump & tail chestnut
brown | black, brownish tips | leaden blue

872 Pithys (?) ♂ 142
Same as Perené brown | black | dark leaden
brown | black | leaden blue

873 " " " ♀ 146
= Same as Perené

*874 Sepophaga (?) ♀ 141
brown | black | black
Pale brownish ochre, paler below, wings & tail black;
brown and yellowish white, — on side of neck, edge,

875 Myrmoborus _____ ♀ 130
same as No 855 brown | black | black

876 Rhyncocyclus flaviventris ♀ 142
Large species — same as Pinto,
olive brown | black, brownish pale below | leaden

877 Gnathospiza _____ Not Found Long ♂ 132
brown | black | leaden blue

878 Cercomacra ♂ 157
all dark slaty blue, ♀ tail wash, concealed white base
female with brick red bases
brown / black / blackish

Zamora 982.

879 " " ♀ 152
black, barlow / dark brown

880 " " ♀ 160

881 Neoxolepis salvini (3) ♂ 153
brown / black, black fish / dark brown.
Similar to San Juan bird, except female & adolescent colors
& barbs slender. Brown, strong tail bill brownish black +
brown y buff, bill culmen very curved.

882 " " ♀ 144

883 Automolus ♀ 186
tan orange / black, black fish bill / olive

884 Dendrocincla ♂ 245
orange / black / blackish brown

(54) *885 Brotogeris ♀ 180
brown (burnt) / gray
Green above, below, orange, darker & olive orange.

Jan 24: Today up at 6 Am. could not sleep longer on account of noise of all the passengers. Finished skinning the 5 birds from yesterday, & went out shooting for 9 Am. Slightly overcast but no rain. Went over Trail to Platanal. Birds abundant, I could have shot more. In at noon. Skinned till 11 P.M., skinning everything. No rain today.

Jan 25: Had 2 Blue jays to skin from yesterday. I did not finish skinning birds till 11 P.M. & then had 5 left. Go between showers. Morning overcast & very warm. Rain in afternoon. Bird not much.

Paso Yeruá, Jan 27, 1930.

*886 Phaëthornis ♀ 114
Small brown typ. Below rusty, back bronzy green
rufous tail with narrow, bright rufescent &
black median bars, narrower black; chin blackish, throat
edged by fine white, next below narrow buff, more buff
on median line & on sides, 2 longest rump feathers
tipped white, next tipped & edged on outside with narrow
black, lemon yellow below basal half \ pale

*887 Thamnophilus ♂ 173
Entirely black, except a narrow white on back &
narrow white frontal tufts, wing & tail narrowly
tipped white
gray \ black \ leaden blue

888 Cyanocorax ♂ 318
brown \ black \ black

*889 Ara ♂ 430
green, with orange blue & white & red winds
beak minor covert bright scarlet; tail red above
yellow \ black \ black \ naked white cheeks

The above took nest between 10 & 11 A.M., between showers, until 6[15], began to rain hard at 6[30] & continued till 9[30]. Began again at 10[45]. Heard and took to Photonal, shot Ara & Phaëthornis 886, 887 in nesting area here. Rained till 12[30]. Shot 886-7 after lunch, then rained till 3 P.M. till 5[45]. Went out main road. Both very scarce. Shot deer near to far from main road. Made no bag, drizzled all day.
Skinned 3 small birds after supper & left 4 back for morning in case of rain.

*890 Nophotriccus ♂ 108
crest black with pale gray edging.
brown \ black, pale blue below \ leaden

891 Myrmotherula surinamensis ♀ 87
yellow below.
brown \ black, pale blue below \ olive

892 " " ♀ 88

[56]

893 Sporophila ——— large ♂ 104
Chestnut below — brown | black | blackish

894 Sporophila ——— ♀ 115
♀ ♂ blackish specks, neck chestnut & belly.
brown | dusky blackish brown, pale below | bluish black

*895 Tapera naevia ♀ 270
straw | pale blonde flesh, ridge black | pale blonde horn

896 Ostinops ——— ♀ ———
same as Hvacharterus aterrimus.
brown | old ivory, tip pale | black

Puerto Yessup, June 28

up at 6 A.M. - Skinned 5 small birds from yesterday. felt tired last night & did not work after dark. Overcast this morning but sun out at 7 A.M. fine day. Went shooting at 8 30 & got back at 11 o'clock. Skinned four birds from yesterday, Ostinops, Tapera, Cyanocorax & Ara., then went at birds. began birds today at 2 00 P.M., 1 1/4 hrs. out for supper, finished at 11 P.M. A beautiful sunny day all day, rain began at 10 P.M.

897 Thalurania ——— ♂ 117
black | black.

*898 Cyanerpes caerulea ♂ 116
brown | black | lemon yellow
long bill, yellow feet, violet blue.

899 " " ♀ 111
brown | black | olive

900 " " ♀ 108

*901 Cyanerpes nitida large ♂ 101
brown | black | purple
short bill, pink feet, clear blue.

902 " " ♂ 102

903 Cyanerpes nitida ♀ 101
♀ 9 2w 9 0 w 2 brown | black | pale purple

904 " " ♀ 105

905 " " ♀ 105

906 Myiozetetes richardsoni (?) ♂ 147
brown | black, dusky pale below | black

907 Eriomotus ♀ 150
brown | black, leaden blue below | leaden blue

*908 Tanager ♂ 138
brown | black, yellow below | leaden
black; yellow throat, forehead, rump & upper tail coverts
red below mixed

909 " " ♀ 130
green above, greenish yellow below, bright on throat
& forehead

910 Chlorophanes purpuriascens ♂ 148
hazel | bright yellow, ridge black | dark brown

911 Myiarchus ♂ 200
brown | black | black
sooty black above, rust edging on tail, slight
brownish edging on wings. throat ashy, below pale yellow

*912 Automolus ♂ 204
brown | black, olive flank below | olive
with olive brown above, buffy brown below, throat
whitish, tail chestnut

913 " " ♂ 207

*914 Celeus grammicus ♂ 240
brown | pale yellow green | olivia
with body & wings cinnamon, barred black, head
darker cinnamon, red malar black, ring yellow around

915 Xiphorhynchus _____ ♂ 232
brown \ blond flesh, tarsalum black \ leaden

916 Myiospiza aurifrons zamorae ♂ 134
brown \ black, blue flesh tarsalum \ flesh brown

917 Cercomacra ♀ 161
entirely dark slate brown \ black \ leaden

Puerto Yerma, Jan 29 1930.

Rained all night from 10 P.M. on & until about 7.30 A.M. Today. Went out at 8 o'clock, Tried to find Trocha up between 2 creeks east of main road, Began to rain hardly & rained till about 10 o'clock. Birds very scarce, about nothing till after 11 o'clock when sun came out. Birds plentiful around midday, could not find Trocha so went to Telephone line to Bermudez as far as big creek, which was swollen high. Got back to town at 2.30 P.M. with 22 birds, 6 new species. Skinned till 10 P.M. - 10 birds left

918. Thalurania _____ ♂ 122
black \ black.

*919 Heliothrix _____ ♀ 150
black \ black.
Green above, all white below, including 3 outer tail feathers, tail 71 mm.

*920 Tachyphonus surinamus brevipes large tail ♂ 165
brown \ black, mantle, rump \ leaden \ leaden
blue-black, rump & crown patch conjunctus tuft; thighs & patch in axilla white, flanks color of rump, under wing coverts white

921 " " ♀ 168
Like green above, below buffy, below buffy collaris, crown crimson & flanks more cinnamon

922 Basileuterus uropygialis buffy rump ♂ 143
same as Rio Frio. brown \ black \ flesh.

923 Stelgidopteryx ♂ 147
brown | black | black

924 " " ♀ 140
like bird last, black tipped feathers of breast

925 Cyanerpes nitida ♂ 103
brown | black | pink pink

926 " " ♂ 103

927 " " ♀ 100

928 Cyanerpes aaerulea yellow footed 108
brown | black | blue

929 Coereba ——— Black throated Gray (?) ♀ 136
same as 258 brown | black, blue pink belly | leaden

930 Erionotus ——— ♂ 151
gray | black, leaden below | leaden blue

931 Little Tyrididae ——— breeding ♂ 93
same as No 794 brown | black, blue pink blend | leaden

*932 Pipra (?) ——— ♂ 107
red | black, leaden below | dark leaden
Head & chest gray, back & rump green; rest of breast pink
belly, slightly washed greenish on abdomen & flanks

*933 Furnarius ——— ♂ 175
legs | flesh, basal portion maxilla blackish | flesh.
Pileum & auriculars dark brown; throat & superciliums white
lesser wing coverts bright cinnamon, rufous, rump & tail
chestnut; chest gray cinnamon, rest below white
washed buffy on sides & flanks; cinnamon throat, tipped white

934 Automolus ♂ 200
brown | blackish, pale olive below | olive
same as No 912.

935 Lipaugus (?) ♂ 222
brown | black, | black.

*936 Amblycercus solitarius ♂ 264
brown | pale sea green, tuft pale y. mand. rami.
blackish | black
Entirely black.

*937 Monasa morpheus peruviana ♀ 265
brown | crimson | black
dirty grey, margins of tail black, front & chin buffy white, back & line about black area

938 " " " ♂ 278

939 "Ortalis" ♂ 532
brown | leaden blue, tone darker | pure black
same as Perene bird

Puerto Yessup. June 30, 1932

Up at 6 Am. - Skinned 5 birds, then went shooting at 8 Am. Overcast but not bad. Soon clouded up heavy & thundered a bit at 10 o'clock. I came in at 11½ with 15 birds. Again no rain today, but little or no sun. Rain two years from now and right hand, one in joint of thumb & other at base of index finger. Very painful & swollen, can scarcely write. Laid up about 2 hrs. & finally finished treating at 10 P.M. Yet rain except shower in morning.

940 Valatinia jacarina ♀ 116
brown | black, bluish pale below | dull slate.

*941 Sandia Tanagra ♂ 146
brown | black, pale below | leaden blue
Iris brown, bill horn color, gape, nostrils & throat bright yellow, broad pale yellow tip, belly & crissum white, band of wing & bright yellow.

942 Terenotriccus erythrurus ♂ 107
little cinnamon flycatcher tiny head
brown | black, flank below | flank.

943 Myiopagis schisticolor ♀ 103
♀ of all arby species, — arby above & buffy cinnamon below
brown | black, blurred flank below | tan

944 Rhynchocyclus flaviventris ♂ 145
(large species) dusky straw | black, blurred flank below | tan throat

945 Sporophila ——— ♂ 102
black species, white below, except black throat
brown | pale tan below | dark tan

946 " " ♀ 106
— | blackish, tan below | tan

*947 and Thrush Cercomacra ——— ♀ —
thin bill of peculiarly bird-like Tail,
dark slate brown above, wing, rump, edged reddish brown,
superciliary, lores & entire brown flanks rich cinnamon
throat
brown | black, blurred flank below tan

948 Ericnetus ——— ♀ 148
brown | black | tan below | tan flanks

949 Thamnophilus doliatus ♂ 173
brown | black | tan below | tan throat

950 Myiozetetes ♂ 135
brown | tan, ridge black | pale tan

*951 Tyrannus tyrannus (?) ♂ 210
brown | black | black

952 Cholidoptera tenebrosa ♂ 171
brown | black | black

*953 Dendroica guttatus guttatoides ♂ 302
brown | pale brownish buff, tawny wash black | deaden
Markings around bill & auriculars yellow, bill distinguished by large heavy bill & large white - orange & tail darker
Obscured & more buffy effect on flukes, wash & underparts

954 Tapera naevia ♀ 201
brown | streaked heavily, tail barred, brown, flank below | olivaceous

Puerto Yerruya, Jan 31, 1920.

Rain during night, but morning fine & clear, temperature 62° & wind out at once, though thumb still very painful. Took boy along to collect Otus flammeolus. Went out first of telephone line to Guarumby, working in forest on both sides of Jan as far as Big Creek. Back at 11 o'clock with 15 birds, clouding up and seems a bit, but freezing bright & hot. Began skinning at 1 o'c, after changing bag net & outfitting bottle. Had bad time with thumb & did not finish last bird before dark. Finished about 4 P.M.

955 Stelgidopteryx ♀ 142
brown | black | black

956 " ♀ 140

957 Coccyzus. Black throated Gray ♀ 131
Same as 868 brown | black, blunt flank brown | pale barred

958 Hypocnemis ♀ 128
spotted above & on chest. brown | black | flank

959 Pipra ♂ 109
same as No. 932. pale hazel | black, blunt flank below | deaden

960 - Piprarcha ♂ 129
same as Brown bird. gray | black, paler at extreme
base below | pale deaden

*961 Sclerurus _____ tarsi ♂ 165

brown) black, dusky flank & tail bars) blackish
cheek, throat & breast scaled, rufescent tinged
olivaceous; tail blackish, without
olivaceous.

962 Thamnophilus (?) _____ ♀ 148

Pileum dull rufous, back, dark olive, tail
brownish olive, also wing coverts & edges
dull light buff bars, heavily edged retrices
& flanks, orb. y. chest.
red. brown) black, broadly below, barred blue

963. Tangara _____ fem ♀ 151

Partially young birds, many be mix.
dark slaty blue below, duller on head & wing coverts
below scaled, some throat, throat pale buff,
brown) black, blackish below) leaden blue

964 " " " fem ♂ 147

*965 Formicarius _____ tarsi ♂ 192

front, throat superciliary & sides of head dusky, chest black,
flanks & belly gray or ochraceous, black
pileum & nape rich cinnamon rufous, darker anteriorly,
neck above black, olive brown) bases dusky
concealed, throat & middle of breast light cinnamon
brown) black) dark blue

*966 Cymnocichla _____ ♂ 192

Entire bird black, slight slaty cast on sides
& flanks, under side of head & throat white
nostril obscured by the black blue

*967 Phoenicothraupis rhodinolaema fem ♂ 187

Upper parts rich dark brown, crown lighter, more
cinnamon rufous; tail dark rufescent, wing
also slightly rufescent with blue margins
throat & cheeks buffy cinnamon, rest below
dark buffy brown

[60]

♀ 370

*968 Hawk _____

hazel | blue-black, ere orange | orange.
dark plate above, superciliary white, nape & upper back streaked white
Entirely white below, tail barred white & white subterminal bar. Juvenile & young white, with blackish bars apically, immature & young bluish finely streaked black.

(79) 969 Cyanerpes nitida ♂ 100
pink pale. brown | black | pink.

Puerto Jesus Feb 1.
Decided to stay off today & give thumb a chance to get better. Still much swollen & sore but better. Rain very a lot & Orthoptera. Had boy out again today, did fairly well. After finishing Orthoptera & starting Hawks, put in rest of day identifying birds.

Puerto Jesus. Feb 2.

Up before 6 a.m. coffee at 6 30 & out at once, morning cloudy but did not look like rain. Thumb still sore & swollen but better. At 7 30 began running & I got in at 7 o'clock with four birds.

970 Dysithamnus _____ ♂ 131
same as 808 brown | black, black fleck between | olive

971 Thraupthilus _____ type bogotensis ♂ 146
same as No 854 hazel | black, bare blue between | black

972 Formicivora _____ ♂ 135
same as Rond'nia, black throat, entirely belly & brown flanks & brown back. ♀ cinnamon rufous throat & chest
brown | black | bare blue

973 " " ♀ 136

Range of Temp. at Puerto Jesus, evening periods of Jan. 24 to Feb 2 = Max. 88° Min. 67° F.

X X X

Sunday Feb 2 - afternoon.

N cleared at about 1 P.M. & decided to go starting, left at 2:30 & returned at 5:30 P.M. with 18 birds, & more skeins. A nice bright afternoon & very fast - steaming hot. Pursued & ran into birds, but never close enough, too tired to work tonight.

974 Dysithamnus _____ ♂ 123
same as 208+970.

975 Myrmeciza schistacea (?) ♂ 109
male all gray except black wing coverts & tail & black patch on lower throat.
gray | black, leaden tubes | leaden blue

976 " " ♀ 102
& tuftys olivaceus tubes

*977 Pipra _____ (blue crowned gen) ♂ 100
(dk. sepia) black, blunt pink tubes | dusky horn
Head, blunt short crest upper part bright grass green, rump light turquoise blue or dusky blue, back, lower rump, yellow, tail wings black, edged green

978 " " ♂ 96

979 " " ♀ 100
♀ same as male except without blue on crown

980 ♀ 104

981 imm ♀ 103

*982 Glyphorhynchus cuneatus ♂ 160
brown | black, leaden horn tubes | leaden horn

983 " " ♂ 153

984 Pipra mentalis _____ imm. ♂ 125
brown | black, flesh tubes (dusky) | dusky blue

*984a. Tachyphonus ——— ♂ 162
large
Testes ↑
(male, from blue below black) black,
lateral color black, median scapulars orange-yellow, rump & upper tail coverts cinnamon, lower rump conceal'd & some coverts white; crown & hind head cinnamon-rufous outlined by black; front & sides of head buffy cinnamon

985 Formicarius ——— (chestnut phase) ♀ 190
brown (black) throat color.
Spotted & barred with black & white; being black shading brown, chestnut sides & nape, bright cinnamon.

*986 Nyctidromus albicollis ♂ 282
brown (white basally, tips black) white

987 Turdus ——— ♂ 355
large testes
Same as Rufous brown (black, greenish black below)
throat white

*988 Campephilus ——— ♂ 355
yellow (sides black; crown, ridge above & below
black) dusky olive
Rump & upper tail & upper part black; entire head (except nape) scarlet, upper half of crown black, buffy white stripe above each side of head & one back, forming one middle of back. Entire under parts barred black & pale buffy brown, breast & cinnamon white & pale straw.

989 " ♀ 360
♀ same except hind neck, sides & throat white, extending from base of mandible

*990 Ostinops (Cassicus) decumanus ♂ 463
blue (black in the wing) black

*991 Pteroglossus ——— ♂ 343
green (green basally, black subterminally)

Puerto Tejada, Feb 3, 1930

A beautiful clear day today but cannot go out till 3 o'clock any 19 birds. Equalled at 2 45, went out all over the opposite side of river for first time. Birds very scarce. got shelled in by a fierce thunder storm about 6 o'clock with 12 birds.

992 Leth. Green Kingfisher ♂ 91
brown | black, blue & pale below | under

993 Picumnus punctifrons ♀ 92
brown | black, barely blue below | black

*994 Myiomatharolea erythrura ♂ 125
(chestnut tail) brownish | black, tinged | barely blue
green

995 (not taken) ♀ 136
Probably ♂ Tr black throat Syn. same as No 858
brown | black, barely blue below | barely blue

*996 Siptornis ♂ 157
straw | pale buff, blackish & brown above | olive
& dusky, barely olive brown; below ochraceous
rufous, head ochraceous, streaked with dusky, olive pale yellow
below ochraceous, narrowly flanked with blackish
brown, throat pale ochraceous buff.

*997 Myiochanes ♂ 145
brown | black, pale below | black.
Small dark olive & rather short, conical bill
head, above brownish pale canary yellow

998 Thamnophilus (?) ♀ 158
same as No 962 reddish hazel | black, brown blue below
barely blue

999 Formicarius ana/is ♂ 210
brown | black | brownish brown

1000 Phoenicothraupis rhodinolaema ♂ 198
brown | black, dusky brown below | dusky pink
large bill

1001 " ♂ No 4. skel. ♂ 187
brown | blackish, dusky pink below | brown tan
bill like 1000

*1002 Pteroglossus castanotus ♂ 525
white | black, shafts of tail & rump ivory in color,
spots on tail, base of bill pale yellow | olive.

*1003 Nyeticorax [illegible] guira ♀ 618
orange | black, dull green below & front of eye | leaden grey

× × ×

Feb 4, 1930

Rained all night last night and practically all day today. Skinned yesterday evenings bird, & took loaded cartridges. Thumb still stiff & sore & cannot work up to full speed.

Punta Jarvis, Feb 5, 1930.

Up at 6 A.M. coffee at 6:30 & out at once. Much accumulation & washed in a muddy blue stream. Bird fairly plentiful. The Phlogoenas, Leptotilas & Pitta taken around foraging ants. Shot at 11 o'clock. Head tube of 32 barrel shot in auto, rather shooting Phlogoenas. Finished work at 4 P.M. Got in at 12 o'clock. Began skinning at 1:20 worked till 11 P.M., leaving last three for this morning.

1004 Myrmotherula m. menetriesi ♂ 105
grey, black throat. | black, leaden below | leaden blue

1005 " " ♀ 100

1006 Myrmotherula axillaris ♀ 113
brown | black, throat pale below | leaden blue

1007 Myrmotherula _____ (?) ♀ 97
may be mens. only brown above, & pale olive brown below
black appearing on throat, throat outlook.
brown | black, tinged blue | leaden blue

1008 Picumnus ♂ 89
brown | black, dark below blunt flesh | dark olive

1009 Tramyeptilus ♂ 1,50
dark slate above, tipped slate below, no white
on back or wings
brown | black, flesh below | leaden blue

1010 " " ♀ 154
♀ dark brown above, buffy brown on chest & cinnamon
on abdomen & tail, back & crown
brown | black, black flesh below | leaden blue

1011 " " ♀ 152

1012 Block Hemitriccus Gray Rump ♂ 145
brown | black | leaden blue

1013 Rhegmatorhina Rhodonessa ♂ 191
brown | blackish, blackish bare below | brown bill

1014 " " ♂ 196
brown | black basally, light brown apically | light brown

*1015 Dendrornis ♂ 223
may be new - brown | black flesh, tarsal scales | leaden

1016 Automolus ♂ 200
buffy white throat brown | blackish, skin flesh below | olive

*1017 Formicivora ♂ 153
All black, except concealed patch on back, forecrown
wing spots & tips of rectrices
brown | black | leaden blue

1018 Pithys albifrons ♂ 1,45
brown | black | orange

1019 Gymnocichla ♀ 204
♀ ♂ black spec. crown chestnut, back dark brown
rump & tail chestnut tawny brown, ashy tawn
brown | black | black, skin around eye blue

*1020 Phlogopsis ♀ 128
brown | black | blackish | skin around eye scarlet.
most head, throat & breast black, belly brown, crop
chestnut, tail chestnut; upper part olive brown, spotted
black.

1021 " " ♂ 177

1022 " " ♂ 179

1023 " " im ♂ 189
♂ gray | black | varied black, pure beaden
skin around eye dusky black.

1024 " " im ♀ 180

*1025 Capito ♂ 197
brown | black beaded blue below, by black beaden
black above, streaked yellow, front orange, fading
into brown on forehead, throat bright orange, yellow
below, sides spotted black.

1026 Monasa ♂ 228
black, hooded spec. brown | salmon red | black

*1027 Amazona ♀ 368
orange | orange thin at base, blackish | dusky plum
green, median patch on fulvous, bending wing
patch on front edge red; secondaries tipped blue
tawny tail red.

*1028 Ramphastos ♂ 520
brown | black, ridge of bill maxilla, chin yellow
(96) base of throat blue, red black | cobalt blue
below pure black, throat white, edge below with patch yellow
+ tips red, breast red, upper tail coverts orange

Puerto Yessup, Feb 6, 1930 (Thursday)

Rain began about 3 A.M. & continued till nearly noon. Big flood in river, nearly came to camp & took in part of tents & tarps. Finished my 3 birds & did a lot of odds & ends till lunch. Went shooting at 1:30 P.M. & went out Bermudez line to find nice & rainfree on both sides. Back at 5 P.M. feel rotten this evening. Will lay off & take gunnie & go to bed early.

1029 Thalurania _____ im ♂ 112
black | blackish

*1030 Hypocnemis _____ ♂ 105
whole head, neck, upper back & lower back slate gray
wings, tail & lower back black, feathers broadly bordered
with velvety, medium & quite coarse & fairly loose
webs, thin tail, white spot in middle of retrices
brown | black | leaden blue

1031 " " ♀ 141
♀ Slate gray & melanophaeid by near brown above &
barely lighter below, not, some, except
remiges edged brown

1032 Glyphorhynchus cuneatus ♀ 153
brown | black, leaden brown below | dark brown

1033 Cercomacra _____ ♂ 162
all blackish slate, concealed white on back
brown | black | dark leaden

1034 "Little green Pipra" _____ ♂ 92
dusky brown | black, pale below, bill black | leaden

1035 Blue Capped Green Pipra _____ ♀ 104
brown | black, blackish pale below | dusky brown

1036 " " " " " im ♀ 104

1037 Chlorophanes spiza ♂ 146
brown | black, slight yellow-olive | leaden

1038 " " ♀ 135
tip of wound dusky.

1039 " " ♀ 137

1040 " " ○ large egg in ovary ♀ 141

1041 Cyanocichla ♂ 198
brown | black | black - eye skin blue.

1042 " " ♀ 200

1043 Myiospiza ♂ 142
brown | black, blunt flesh below | pale leaden blue

1044 Donacobius ♀ 233
yellow | black | dark leaden

1045 Black Headed Grey Bird Thrush ♂ 144
brown | black | leaden blue

*1046 Aegialitis (collaris?) ♀ 150
brown | black | flesh.

Puerto Yuruya, Feb 7, 1930

Rain in morning left about 9 30, then cleared up & was very hot in afternoon. Started trails from yesterday about 1 30 P.M. & heard shooting at 2 30, across river. Trail very scarce. Saw otter & deer lying down about 12 yds from me. Could have shot it, but felt sorry & let it get away

1047 Myrmotherula ♂ about 100
Same as No 1007. brown | black, leaden below | leaden blue

1048 Thamnophilus ♂ 104
same as 1047 above / black / broken blue

1049 Cercomacra ♂ 172
Slate gray above & below, large concealed white on back; wings & tail dusky, narrowly edged with slate. White at base of tail (1/2") underwing coverts (especially) white, inside edged with slate.

1050 Synallaxis (?) 150
rufous / black, round ½ below darker / olivaceous; Rufous, wings & tail chestnut, latter tipped with black; throat & breast dark sepia brown, belly grayish brown; middle of throat black broadly, white basal portion of feathers showing; wings & tail dusky, edged with rufous, unique broadly tipped with black below.

1051 " " ♀ 163

1052 " " ♀ 169

1053 Dendrocincla ♂ 221
same as 1015. brown / pale leaden blue, broad malarial black / leaden blue

1054 " " ♀ 225

1055 Turdus jun. ♂ 217
same as Perene brown / dark brownish / pale leaden blue

1056 Ramphastos ♂ 690
Same as 1028 brown / black, large & dark red basally. ridge of culmen & base of bill yellowish; iris green. some bright leaden blue about face. Expand white & ruby blue. feet orbit blue.

Sat. Feb. 8.

Rain during night & hard all morning till near noon. Skinned birds from yesterday P.M. In afternoon rested.

Sunday Feb 9

Spent forenoon hunting 32 cartridges (370) & collecting, skinning & packing all birds, finished 5 P.M.

Puerto Yerua.
Monday, Feb 10, 1930

No rain last night & morning until two p.m. due east & fine day. Wind shifting at 7 a.m. & returned [illegible] at 11:30 with 14 birds. Went up river in boats to Pedrinal & Retiro. Took very poor. must get more over flats to hunt in this month.

1057 Myrmotherula ♂ 103
black, streaked gray. Iris brown | black, Tarsi & toes leaden blue

*1058 Cfalaptura (?) ♀ 145
dark olivaceous green above, pale ashy gray below, tail chest blue below, bill white, legs

1059 Formicivora ♂ 130
Black throat, median pectoral tuft & wing patch white, wide lower flank ashy, center of feathers black, dorsal median coverts black, tipped white, scales around diamond black, tips of buff, wings & tail chestnut, outer web, with black spot near concealed white patch.
Iris brown | black | leaden blue

1060 Microcercculus Large ♂ 135
Iris brown | black, pale below basally | dark brown.
Portrait, same as Pierre's bird.

1061 Thamnophilus ♂ 146
Same as 1009 Iris brown | black | leaden blue

1062 " " ♂ 146

1063 " " ♂ small ♀ 150
♂ light grayish brown above, throat streaked with fine buff & light blond, blunt light buffy, brown, next below & lower ♀ wings buffy rufescent
Iris ♀ dk brown ♂ leaden blue Feet ♀ leaden blue

1064 Synallaxis ____ ♂ 156
Sent out Nov 11, Common Nepean Cafe
middle tail | black, under tail coverts buffy white

1065 Rhynocyclus sulphurescens ♂ 125
Same as Rhem bird. grey-brown | black, under parts, throat
| under tail

1066 Automolus ____ ♀ 197
Chestnut brown & tail,
orange | blackish, pale buff | blue

1067 Formarius leucops torridus ♂ 185
red-brown | black, white below | pink.
Same as bird from Bermuda trip.

1068 Dendrocolaptes ____ Large ♂ 327
Same as 655 San Juan
brown | blackish brown barred, pale yellowish,
below brown bars, tail dusky | olive

1069 Ortalis motmota ♂ 223
pale legs | head and left brown | pink throat

*1070 "Hoatzin" ♂ 655
Cummin | black bare, pale brown skin | black.

Puerto Yerup. Feb 11, 1930

A shower during the night last night, all day overcast, but [illegible] & sunny day. Sun out at 8 30, hot & steamy. Went out Berminger boat as far as little river. Birds not as plentiful as formerly & getting very shy. Got back at 11 30., went out at 1 P.M. A fair sunny day, with light shower about 4 P.M. Finished at 6 30.

1071 Myrmotherula hauxwelli ♂ 107
Def grey, very small black, median & under tufts white
Mar stripe & tail — brown | black, under blue barred | tarsus
etc

1072 Myrmotherula ♀ 100
perhaps ♀ of 1071. - gray above, buffy ochraceous entirely below, no markings on wings or tail.

1073 Hypocnemis ♂ 123
♂ to spotted tracked ♀s which I have been getting here.
front ♂. brown | black | flank.

1074 Formicivora ♀ 134
♀ to 1059. brown | black, leaden blue below | pale leaden blue.

1075 Thamnophilus ♂ 142
all gray above, slight white edgings on crown & tips to tail
brown | black, leaden black below | leaden blue.

1076 " " ♀ 150
gray brown | black, pale leaden blue below | leaden blue

1077 " " ♀ 146

1078 Pithys (?) ♀ 140
same as Peru & San Juan - buffy ochraceous forehead, white band through eye, tips of outer webs of wing feathers white
brown | black, pale medially below | leaden blue

1079 Xenops genibarbis ♂ 135
brown | blackish brown, flank below barely | leaden

*1080 Galbula ♀ 211
Shining blue green above, with bronzy sheen, below dull coppery. chin cinnamon, middle throat white not below with chestnut reflection; tail green above, blackish below, inner webs & edges to quill cinnamon
brown | bright yellow, ridge black apically | yellow
skin around eye yellow

*1081 Capito ♀ 155
Green above, superciliary & band behind cinnamon orange, side of head black, median stripe yellow with slight admixture of blue between it & pale green & yellow throat
Throat black with orange, lower edge scarlet, upper throat yellowish rim, rest below streaked olive green & white
dark carmine | olive yellow — eye dark | leaden olive

1082 Automolus ——— ♀ 191
buffy with black head, no eyelids
brown \ black, pale olive below \ dark olive.

1083 " " ♂ 208

1084 " " ♀ 195

1085 Phlegopsis ——— ♀ 190
brown \ black, dark bar

Pueblo Yerupa, Feb 12, 1930

Rained hard from about 11 o'clock till near evening, morning cloudy, but seemed it would clear up. Went out at 7 Am & at 8 o'clock began to drizzle & slept it off till after 10 o'clock, with several hard showers. Came in at 11½, rather wet but with fair bag of birds. afternoon clear & bright.
Went down river, other tracks opened by Jose.

1086 Myrmotherula ——— ♂ 110
gray with solid black throat
brown \ black, dark blue below \ darker blue

1087 " " ♀ 117
♀ throat black with white tips, + pectoral below.

1088 Myrmotherula ——— ♂ 107
gray, with darker streaky black down centre ?
throat \ brown \ black, breast brown \ dark blue

1089 Dysthamnus ——— ♂ 127
black head, streaked with white, sides & flanks
cinnamon rufous, gray-brown \ black, pale brown below \ olive

1090 Pithys (?) ——— ♀ 145
brown above, white below, pectoral tuft
& underwing. brown \ black \ dark blue

1091 Cercomacra ——— ♂ 169
all black & scapulars white or black, white
shoulders & tufts in axillars, wing coverts
brown \ black \ dark blue

1092 Synallaxis _____ ♀ 170
same as 1050, hazel \ black, leaden blue below \ black above

1093 " " ♂ 150
(tail broken off)

1094 Pheugopedius cantator ♂ 165
entire throat, flanks & flexure,
hazel \ black, leaden blue below \ pale brown

1095 Galbula _____ ♀ 226
same as Rufous Kind, brown \ black \ olive

*1096 Taraba transandeanus ♂ 225
dark crimson \ black \ leaden blue
black above, concealed white in both; all white below; under wing coverts white & tips of medians & greater covts.

*1097 Automolus _____ large tarsi ♂ 201
dark rich seal brown above, tail chestnut, superciliary buffy ochraceous, throat buffy white, deepening into pale brownish buff, sides darker, crissum brown, lower wing coverts & edges to margins, axillaries buff, lining of wing subcinnamon.
gray-brown \ blackish, olive yellow below tarsally, olive

1098 Phlogopsis _____ ♂ 193
brown \ black \ blackish \ eye often scarlet.

*1099 Penelope _____
Same as P. cristata. ♂ 770
brown \ black, pale brown apically below \ pale salmon

1100 " " ♀ 750

Puerto Jesus, Feb 13, 1930.

1101 Myrmotherula ♂ 113
black throated gray — brown | black, leaden blue | leaden blue,
median forehead black | leaden blue.

*1102 Glaucis (or Threnetes) ♂ 13.5
black | yellow brown
shining green above, feathers narrowly tipped with buff, tail
green, tipped white; short malar streak buffy white, and usual
+ median throat streaks (black) dusky; throat greyish cinnamon;
breast belly rufous, abdomen cinnamon; tail distinctly tricolored
below, blue black apically + tipped white

1103 Dysthamnus ♂ 162
black + white streaked above, bright cinnamon sides + flanks
brown | black, bluish flesh below | throat

1104 Formicivora ♂ 130
black dusky + throat, slaty below, chestnut crown + tail
white belly. — brown | black | pale leaden blue

1105 Formicivora ♀ 138
black, with white spots on wing coverts, broad white tips
to tail + dark chestnut upper throat.
brown | black, brown leaden blue | leaden blue

1106 Cercomacra ♂ 166
all black except white shoulder + concealed dark patch
gray brown | black | leaden blue

1107 Synallaxis ♂ 164
same as 1092 — red brown | black, olive below | leaden blue
olive.

*1108 Bucco ♂ 170
chestnut cap, cinnamon nuchal band, brown back,
feathers narrowly tipped with buff; chin buffy white
auriculars + band across lores black; throat black,
white malar stripe + extended band below black band
next below buffy white, with narrow arrow
black lines
red brown | black | leaden olive

1109 Tavaba transandeanus (?) ♂226
carmine | black | leaden blue

1110 Cactus ? ♂208
Same as San Juan.
brick red | black, flesh color | olive leaden.

1111 Capito ♀192
may be ♀ to illus Jersey bird. Cap. citrine yellowish green, overlaid over front & sides with orange red, crown, back black also rump, with olivy green streaks, lesser & median wing coverts black broadly edged with orange, sides of head, black; throat feathers white basally, with orange & black streaks, breast dark yellow, with heavy black streaks, belly & crissum grayish
brown | black, basal half color leaden | leaden, tinged olive

1112 Momotus ♂462
Same as Panama bird - brown | black | black

*1113 Pionus menstruus ♀290
whole head, neck & chest blue, bases of feathers in throat ray; whole body green; crissum red, tail red at base, then outer rectrices blue on outer web apically
brown | blackish, bases of many at sides red, | dusky olive

1114 Ara severa ♂445
Same as other Jersey bird.
dusky yellow | black | black, | naked skin white.

No rain last night & morning almost clear, 2nd time this bird has escaped since I have been here. Out at 6.30 over trails down river, as far as Chicama & Iguasa. Morning slightly overcast, with some sun. Got in at 11.15 a.m. Began skinning at 1 P.M. Thus P.M. fair, with drifting cumulus clouds. no rain today.

Jersey. Fruit.

Rained nearly all night last night & today until 3 P.M. I reached up a few things & went down the river a few miles to Rancho Grande Plaza. Went out for a couple of hours, but found no birds till late, & too dark to do much.

Yermuk (Saida Zaidora)

*1115 Ramphocoëlus ♂ 121
brown/black, blue flank tufts/leaden blue
Bill red brown, tarsus & toes pale brown
back & wings, tail blackish; white rump & band
back of eye, commissure, thumb & outer
edge of feathers dark; rest below slaty grey, whitish
lower centre breast & abd

1116 Myrmotherula ♀ 107
♀ ♂ grey above with black down middle head.
brown/black, blue flank tufts/leaden blue

1117 Automolus ♀ 200
Dark brown white throat & face, without supercilium
brown/blackish, pale rufous skin below/blue

(Saida Zaidora) Feb 15

1118 Myrmotherula ♂ 103
Black throated grey
brown/black, tawny under/leaden blue

1119 Myrmotherula ♂ 99
Dusky black or slaty grey throat
brown/black, tawny under/leaden blue

1120 " " ♀ 112
brown/black, tawny below/leaden blue

1121 Glyphorhynchus cuneatus ♂ 154
brown/black, dusky from below/dusky brown

*1122 Pipra ♂ 106
Entirely black, with bright bluish metallic gloss, white
forehead, nuchal, portion bright scarlet, shaft
carmine/black, leaden blue/dark leaden

→ ←

1123 Tyrannopsis ♀ 151
♀ ♂ black above, brown above, dusky below, brown
breast, belly & abdomen deep ♂.
brown/black, tawny blue below/leaden blue

1124 Gymnocichla ♂ 200
red brown/black/black/blue around eye blue

♀

*1125 Parisoma. _____
Head, sides of neck, nape & collar full rufous-chestnut, throat flanks & crissum yellow; back olive, rump & upper tail-coverts externally green; Rectrices black, proximal edges of outer pair green, next pair tipped green, rest broadly tipped white; under surface yellow.
Female similar but duller.
(Jack 57)

Rained some last night & morning very thick & threatening, started raining at 6½ again & rained till 7 o'clock. I skinned the 3 birds from last night & at 9 it rained pouring. At 10 o'clock began to rain again. I stood it till 11 o'clock & then came in with the 8 birds above. I skinned 3 more after lunch & went out again at 2 P.M. Hunted nothing met. Nearly got lost, but got out OK at 5 30, with 10 birds, some good stuff.

1126 Dysthamnus ♂ 18 ♀ 12
Crown, forehead & cheeks brown, black, from blue below, back olive, tinged olive.

1127 Tachyphonus ♀ 167
Dark olive above, throat & chest buffy whitish, with fine buffy streaks, crissum pale cinnamon. Under wing coverts white.
brown, black, round nares leaden, base

*1128 Ramphotrigon ruficauda ♀ 175
Upper parts olive green, upper tail coverts, tail & broad edgings on wings chestnut. Throat & chest dark olive slightly streaked with yellow, sides & breast yellow heavily streaked olive, belly yellow, crissum cinnamon. Bill broad & flat strongly dusky
brown, black, flesh at base below, dark leaden.

1129 " " " ♀ 172

1130 Thryophilus ♀ 146
Like albilineatus
gray brown, black, from blue below, leaden

1131 Pipra ♂ 100
green, cloth blue crown
brown, black, from blue below, brown

* 1132 ♂ 195

Seems to be a family of Seytalopus.
Crown black, feathers tipped brown
above rock dull brown, more finely on
lower back & rump; wings edged dull rufous
primaries same with white shaft streaks
low & margin superciliaria white, irregular
gray streaked white; throat white, with gold
yellow band interior white most & narrower
patch on chest, overlying white, which shows
in front to upper body, nicks, flanks & belly
barred black, white & buff in concentric bars.

1133 Cyanocorax pithys albifrons ♂ 137
brown | black | orange

1134 " " ♀ 143

1135 Myiospiza _____ ♂ 132
brown | black, beaten blue below | pale brown

Santa Isiadora, Feb 16.

Worked last night till 11 P.M., but still had 9 birds left to do this morning. A fine day, sun came out about 9 A.M. I got out about 10.30 & returned at 1.30 P.M. with following 12 birds.

1136 Myrmotherula axillaris ♂ 110
brown | black | beaten blue

1137 " " ♀ 108
brown | black, throat pale below | beaten blue

1138 Myrmotherula _____ ♀ 104
♀ ♂ gray spec. black down middle of throat.
brown | black, beaten blue below | beaten blue

1139 Picumnus _____ ♀ 88
brown | black, beaten blue below barely |
beaten

1140 Glyphorhynchus cuneatus ♂ 164
brown | black, leaden at base below | leaden
breeding

1141 Flycatcher ♀ 164
same as 1128-9. brown | black, flecked at base below | leaden

1142 Pipra ♂ 108
dark green above, scarlet crown patch, olive green in ♀.
carmine | black, leaden below | leaden brown

1143 " " (♀) 104

*1144 Cryptorus varjegatus salvini ♀ 310
Upper parts black, barred with cinnamon; weak all round
& chest chestnut suffusion median pair of rectrices ad., buffy
white, sides; flanks & crissum cinnamon buffy; tarsi
black; inner greater wing coverts white, basal ½ of inner
pale gray.
brown | black, flecked medially white | pale leaden
large

1145 " " ♂ 295
large tarsi

*1146 Campephilus ♂ 358
♂ Wings, tail & upper part black, white head & neck
scarlet. Lower parts & lining of wings (except tips)
cinnamon rufous.
♀ same, except buffy white streak (edged with black
from sides of bill back to side of occiput, & front black
with basal ½ same buff.
yellow | blackish crown, ridge dusky | olive
large

1147 " " ♀ 350
Chelmorp

Puerto Jesus, Feb 17

Came up from Santa Lucia this morning arriving here at about 8:30, raining. Rain continued till nearly noon. Stuffed the 2 Cryptura & 2 Scopaneus left skinned from yesterday. Went shooting at 1 P.M. over tracks found by Jose yesterday, west from old Tambo. Got back at 5:45 & had tea in rain. No skinning tonight.

1148 Lophotriccus ——— ♂ No. 103
Above | black, pink below tawny |

1149 " " ♂ No. (?) 102

1150 " " ♂ 103

1151 Cercomacra ——— ♂ 160
all black, except concealed white on back, white shoulder & white tufts to wing coverts.
brown | black | leaden blue No 6

1152 " " ♂ 166

1153 " " ♀ 157
♀ grayish brown above, throat chest & breast cinnamon rufous, also centre of abd. & crissum
Same as unknown except last.
brown | black, hazel blue below | leaden blue

1154 Pipra ——— ♂ 98
Green, with blue cap. - brown | black; bluish pink below | blackish brown

1155 Dysthamnus ——— ♀ 129
cinnamon plumbe. - brown | black, leaden blue below | olive

1156 " " ♀ 127

1157 Pipra ——— ♂ 107
Black, with white. - brown
coronet | black, leaden below | leaden

[7 1]

*1158 Pachyrhamphus _____ (?) im. ♀145
adult with black crown — throat & chest grayish, back & crown pale yellow, back broadly tipped yellow; inner secondaries & adjacent tertials rufous

1159 Pithys albifrons ♂137
brown | black | rump

1160 " " ♂ ♀141

*1161 Cyanocompsa cyanoides ruthschildi ♂163
dark blue, most light blue frontal, superciliary & shoulder & lower wing coverts
brown | black, brown blue below on rump | black

1162 Phlogopsis nigromaculata. ♂190
brown | black | black | eye skin red.

1163 " im ♂197
— | — | — | eye skin bleaking

*1164 Philydor _____ ♂200
Pileum & back ashy gray, rump brown, tail & wings & tail chestnut; lores, superciliary & throat yellowish, breast & sides yellowish olive; rest below buffy; under surface of wings & tail yellowish olive
brown | black, pale olive below | yellowish olive

1165 ~~Dendrocolaptes~~ Xyphorhynchus ocellatus ♂240
Common species brown | pale brown below, black basally above
leaden blue

1166 " " ♂240

1167 Rhytipterna simplex fredrici ♀226
gray species, with rufous edgings on wing & tail
brown | black | black

1168 Monasa morpheus peruviana ♀282
white fronted species
brown | salmon red | black

1169 Mionia ♀ 284
pairs on tree
carried ill by day in trees

*1170 Piaya melanogaster ochracea ♂ 318
Palm July, wrists, upper part, tail, wing
below, broadly tipped & crown blackish, tail blackish
below, broadly tipped white, under wing coverts
both, forming large
brown | chestnut | loden | skin around eye
blue, with yellow spot in front of eye.

*1171 Leptotila rufaxilla ♂ 273
brown | black | pink blood.

*1172 Grallaria ♂ 169
brown | black, flank below | purplish pink.
dark olive above, rump, tail edged with
brownish; below buffy yellowish, white on
belly; chest lightly streaked with black, flanks
& under wing coverts bright cinnamon colored.

Feb 18

Spent whole day today skinning the 25
birds from yesterday afternoon, finished at
6 P.M. Heavy rain from 12 o'clock till 2 P.M. already
all day.

Puerto Yerupa, Feb 19, 1930

Rained last night from midnight till 5:00 this morning. Cloudy all day, but rain-
some stayed again, a steady drizzle. Attempt
to get 6 birds & back at 10 o'clock, too wet though.

1173 Formicivora ♂ 141
black, with white back partly covered & white
tips to outer tail feathers & wing coverts.
brown | black, bronze tinged | bluish slate blue

1174 Pitangus (?) ♀ 145
& crown, front & superciliaries & white below, ends of
head black. hazel | black | bluish slate blue

1175 Furnarius ____ imm. ♂ 174
Cinnamon back. grey \ yellow flank, ridge blackish, tail rusty flank

1176 Charadrius collaris ♂ 158
brown \ black \ flank.

1177 Saltator ____ ♀ 230
whitish throat, yellowish superciliaries, olive above & tawny ad. & cinnamon. grayish-brown \ black tail, pale horn spicularly olive brown

*1178 Crypturus carried off by dog Emerian ♂ 307
Crown pileum; back very light brown, very finely vermiculated with black; throat white, brown throat & upper chest ashy brown, breast & abd. whitish, finely vermiculated, with ashy; thighs, flanks tawny, vermiculated with blackish; crissum buffy white with V shaped black bars.
light brown \ black, flank below, bars black \ leaden black.

Funnelled storm the bird from me very, & went shooting again at 2 P.M. very cloudy & dark. 3 P.M. looking for deer or rare things, birds very scarce & very dark, threatening rain, but none fell. Back at 6 P.M.

*1179 Elycotelus ____ ____ ♀ 125
brown \ black \ leaden.

1180 Cercomacra ____ ♀ 160
♀ 1151. brown \ black, blackish flank below \ leaden blue

1181 " " ♂ 162
brown \ black \ leaden blue.

Puerto Yeungi, Feb 20, 1930.

Rain began about 4 A.M. & continued till 8.30.
Went shooting at 9 o'clock, got back at 2 P.M. Went across river & worked over considerable ground looking especially for nuer things or desirable species. Day fine & clear, a pleasure to be out, & birds fairly abundant. Began skinning at 3.30 P.M. - worked till 10.30 P.M.

1182 Myrmotherula erythrura ♂ 120
Brown above, with rufous back reddish chestnut, tail rufous; throat & chest grey; abd brown; wings brown, coverts darker, tufted buffy reddish
light hazel \ black; bruise leaden \ leaden blue

1183 " " small egg ♀ 120
♀ — \ black, bruise & lg. below leaden \ —

1184 Myrmotherula — ♂ 102
pale ashy grey, black down middle of throat
brown \ black, bruise & below leaden \ leaden blue

1185 " " ♀ 102

1186 Myrmotherula — ♀ 96
♀ ashy brown above, throat pale ochraceous, rest below buffy brown.
brown \ black, dusky below \ leaden blue

1187 Automolus — ♂ 212
buffy white throat, no superciliary
brown \ black, pale olive below \ olive

1188 Folmicarius colma ♂ 194
rufous /olive.
brown \ black \ brown bare

1189 Glyphorhynchus cuneatus ♂ 15-6
brown \ black, leaden below basally \ dark horn

1190 Rhynocycelus sulphurescens large ♂ 142
gray \ black, blackish flesh below \ leaden blue

*1191 Tamagra _____ ♂ 98
shining steel blue above, front yellow; throat nearly blue, rest below saffron yellow, belly & crissum white outer 3 rectrices largely white on inner vane
brown | black, leaden blue below, tip black | leaden

*1192 Tamagra _____ (type gould) ♂ 119
shining olive green above, ecaje gray, below yellow vermiculated with olive; lores, malar region & chin pale ashy.
brown | black, leaden below | leaden

1193 " " imm ♂ 116

1194 Thraupis palmarum ♀ 188
brown | black, dark leaden below | Leaden

1195 Phoenicothraupis _____ ♀ 178
brown | black, dusky plush below | pale brown brown

1196 " " Rio Janeiro ♀ 193

1197 Memotus _____ ♀ 432
red-brown | black | black

1198 Piaya _____ (red tail) ♀ 392
cayenne | crimson | leaden brown

1199 Geotrygon montana small egg. ♀ 230
yellow | crimson, tip brown | pink blue

Temperature range Feb 10 to 20
69° to 91° F.

Forest Grove, Feb 21, 1930.

Rain from 10 P.M. last night till daylight, very threatening till about 2 P.M., when it began to clear. Expected 3 birds left from yesterday & went out looking at 7:30. Returned at 12 o'clock. Still cloudy & sometimes a light shower at 11 o'clock.

1200 Pipra mentalis ♀ 120
same as female, differs from black, basal half below reddish flesh / leaden blue

1201 Myiobius barbatus (?) ♂ 140
may be some as Perene bird.
brown / black, flesh below / leaden

1202 Pipra ♀ 100
green, with blue crown.
brown / black, flesh below / leaden brown

1203 Tachyphonus ♂ 168 leading
shining purplish black, concealed crown patch purple
& flashed cinnamon scapulars, lower rump crimson & under coverts white.
brown / black, mixed cinnamon & blue / leaden blue

1204 " " ♂ 162

1205 " " " ♂ 169 leading

all three of these birds mounting badly

1206 Cyanocompsa cyanoides ♂ ♀ ♂ 166 ad.
brown / black, leaden blue below, ridge black / blackish

1207 Cyclorhis ♂ 151
black, with white streaks & concealed red patch
brown / black / leaden blue

~~1208~~ ~~Thamnophilus~~
~~♀ dark chestnut~~

74

1208 Phoenicothraupis rhodinolaema ♂ 187
brown | black, dusky brown below, basally | pale brown below

1209 Automolus ochrolaemus breeding ♂ 196
buffy throat, ocular area, malar area,
brown | blackish | pale rufescent below | olive

1210 Capito auratus ♀ 205
large species, pale orange throat, streaked with black;
black, rest below olive yellow, sides buffy, crown & nape
yellow, spotted with black in two broad lines
red | black, broken below basally | olive yellow.

*1211 Rhynchops intercedens ♂ 478
brown | coloured at base, rest black | coloured

Puerto Yessup Barometer Readings
28.71 inches = 1000 ft. T. 75°

Yessup: Feb 24.

*1212 Hoplopyterus cayanus ♂ 235
brown | black | orange | yellow orange.

Total species present in Yessup = 246
Taken or read in Yessup = 129
375

129

Kalorette, PI - March 1, 1930 (Pickle Farm)

This bird was shot along trail between pt 4 & 5, (4½ miles N Iriki) at edge of clearing.

1213 Lophotriccus spherocercus ♂ 115
brown | black, brown tinge | black

*1214 Myiobius ♂ 138
brown | black, yellow edges | black
Above dark olive green, orange tail blackish, vertical edge of web pale olive, also quite conspicuous basal crest tipped with dark olive, throat & chest concolorous olive, abd. yellowish tinged cinnamon.

1215 Pyrrhomyias cinnicteides ♀ 141
brown | black | black

1216 Corapotinga ♂ 150
brown | black; pileum & back dark slaty brown, back feathers faintly edged dusky, frontal & loral white feathers running back from eye; throat, side head & chest slate gray; breast sides pale ashy, belly gray & white; flanks & crissum pale brown

*1217 Chlorospingus {flavirenis (?) / ignobilis} ♀ 155
brown | black, brown tinge | pale tawny olive
Entire upper parts, bright olive green, faint superciliary olive yellow, wings & tail with olive brown, inner webs of quills & tail with olive yellow, pale tawny olive, throat & crissum cinnamon buff

*1218 Compsocoma superciliosa ♂ 192
brown | black, blush pink tinge basally, flanks & lower abdomen light yellow, more or less mixed with brown, forming ill-defined patch dark green, wings & tail black, edged with bright yellow, olive, shoulder patch olive; under parts pale yellow; under wing coverts yellow; wings below edged white.

* 1219 Vermivora [illegible] (?) large ♂ 8.17
brown | black, below [illegible] | [illegible]
Wing [illegible] + black + [illegible] dark [illegible]
with a slight golden wash, white [illegible] from
eye back, [illegible], throat [illegible] brown | black | [illegible]
[illegible] below with [illegible] [illegible]

* 1220 Chlorones pas rubiginosa chrysogaster ♂ 2.50
brown | black | [illegible]

Emerson, March 3, 1930

Yesterday was Sunday, 9 skinned birds shot
on road Saturday, unpoisoned, cleaned up + rested.
Rain Sunday night, this morning cloudy but
not raining, 3 started out at 7 Am. following
tracks through fresh snow ridge [illegible] "71" as far
as new Indian trail, then traveled up to left
for about a mile on another trail. Rain began
about 10 30 but not heavy. Reached home at 11 30
quit too wet. All birds shot up first between
4 & 5200 ft. except Vireo, which in open
black moss trees; Cyclarhis in grayish live
moss trees; Myiozetetes in dead tree by [illegible]
office + Spinifex along edge of clearing.

1221 Myiarchus [illegible] ♂ 113
~~[illegible] San [illegible]~~. Dark slate, with black down
middle of throat + upper chest, shoulder white + tufts
near crissum.
brown | black | leaden blue

1222 " " ♀ 114

1223 Rhynocyclus sulphurescens. ♀ 150
brown | black, flank below | leaden blue.

1224 Dysithamnus semicinereus ♀ 130
brown | black, blunt basally below | leaden blu

1225 — " " im ♀ 133
— | black, leaden below | —

* 1226 Myiobius [illegible] sulphureipygius ♀ 150
Below + sides of head real brown, slight olive tinge posteriorly
back dark olive green, rump sulphur; upper tail coverts + tail
black, narrowly outer, edged real brown; throat tufts
yellow; breast + sides + flanks cinnamon brown, belly

yellow; crown dusky centrum. — Iris Inner & concealed crown scarlet. bronn \ black, pale yellow, & black \ leaden blue

*1227 Sporophila gutturalis ♀ 110
& dusky brown above, throat & outer & later brown, breast & belly buffy white. brown \ black, leaden below \ dark leaden

*1228 Siptornis ——— very large ♂ 163
Crown from eye back, wing coverts & tail bright cinnamon rufous; rest above rich cinnamon brown; wings broadly edged rufous brown; underparts pale buffy brown, under wing coverts & edges to wings cinnamon
hazel \ black, pale below dusky \ olive

*1229 Xenicopsis striaticollis (?) ♀ 174
rich olive brown above, wings edged same, tail bright rufous; below bright buffy olive brown, throat & breast streaked with buffy white
brown \ blackish, pale below olive below \ olive

*1230 Myiopetetes ——— ♂ 185
Back greenish, wings edged pale yellow, below saffron yellow, throat pale sulphur, superciliary yellowish white, concealed crown patch bright scarlet
brown \ black \ black

*1231 Chlorospingus flavigularis very large ♂ 167
entire upper parts, wings & tail & sides of head dark olive green; throat olive yellow, breast olive, rest below olive grey — pale hazel \ black, leaden below \ leaden olive

1232 " " ♀ 157

1233 Cyclarhis guianensis large ♂ 165
orange yellow \ brown, leaden blue below \ black

1234 Compsocoma sanctuosa nearly ♀ 187
same as No. 1218.
red-brown \ black, leaden below \ blackish

*1235 Lathria subalaris ♂ 245
Head, throat & chest & upper parts rich olive brown, lower & chest with pale bluish streaks, lower breast, belly & centrum pale grey, breast slightly edged rusty olive, yellow — primaries & tail grey

(1235 com)

*1236 Chandrias dominicus ♂ 272
brown\black, leaden below barely\barely blue
brown\black\blackish

*1237 Aulacorhynchus atregularis ♂ 853
Bean green above & below, tail tipped blue above,
brownish chestnut; tail blackish below, tipped rufous,
rectrices edged pale yellow below; throat blue-black,
brown\black, ridges bare at sides yellow, tarsi & mandible
white, edges of gape yellow | pale blueish above

Eucuas, March 4, 1930.

Rain began about midnight last night & lasted in a steady downpour till near 11 o'clock today. Had a lot of odd jobs & sent up a lot of bird cards.
Went shooting at 1 P.M., following road toward Yaguna to edge of clearing, then trails going down into valley
Shot 1 Elanoides & the usual flycatchers & nestlings & grass nest of birds on fruit. The Caracara, black vult Numenius & 3 Buteos around auto. birds very scarce on this Cordillera today. Got back to house at 6 1/2.

1238 Dendroica ♀ 134
same as San Juan bird. Bay above, yellow below, chest spotted slightly, & white eye-ring.
brown\black, flesh below\pale yellow

*1239 Catharus dryas maculatus ♀ 188
Whole head, down to sides of throat, black, upper part dark olive brown; wing & tail black; lower part pale saffron yellow, each feather with a subterminal black spot; flanks & sides dark olive
brown\rufous-red, bare ridge black\yellow\eyelid red.

*1240 Turdus ♀ 143
Below & upper parts rich seal brown; tail & wings blackish, latter broadly edged ochrey buff; throat white, followed by a brown band across chest; next below grayish white, streaked with brown, heavier on sides
brown\black, flesh below\leaden blue

1241 Camptostoma ♀ 123
may be same as San Juan bird No 717
brown\black, flesh at base below\black.

1242 Elaenia ♂ 180
same as Ser. 323
dark slate brown above, tail & wings sooty, tail edged olive, wings edged yellow; inner tertials edged white; double wing bars & white; axillaries concealed crown pale yellowish; chest grayish olive, also sides & flanks, median portion of breast & abd. & crissum yellow
brown | black, dusky pale below | black.

*1243 Pyriglena leuconota picea ♂ 200
♀ Entire body, wings & tail, intense lustrous black, large concealed white patch on interscapulium; bill stout & slender. Tail strongly graduated, outer rectrices 30 mm shorter.
red-hazel | black | black (bill & feet shining black)

1244 " " ♀ 190

1245 " " ♀ 189
♀ Head & throat black, also tail & wings, latter broadly edged with rich ferruginous brown, color of white body, lower parts slightly paler; crissum also black, concealed white on interscapulium
red-hazel | black, brown below | shining black

1246 Chlorospingus ♂ 166
same as 1231
hazel | black, leaden blue below | leaden blue

1247 Venilisornis fumigatus ♂ 181
same as 1219. brown | black, brown below ridge & wand. black | leaden

1248 Dendrornis ♂ 230
same as San Juan. — Throat & chest heavily spotted with buffy whitish, rest below, including crissum, narrowly streaked same, Below, nape & sides of neck heavily spotted & interscapulium heavily streaked buffy whitish.
crown, upper tail coverts, apical half of wings & tail chestnut brown | dusky brown, blacker on tail | pale blue below | leaden

1249 " " ♂ 242

1250 Dendrocolaptes ♀ 295
same as 655 (San Juan
brown) blackish, barred blue below above
1251 " " ♂ 320

× × ×

Encañon, March 5, 1930

Ice rain last night, but began at 7 Hrs. & rained till 11 30
skinned yesterday afternoon birds till 12 30 (then left)
resumed shooting at 1 15. Went up hill over trocha & down
to road at Juan Chacara. Big bunding birds on road here.
Saw none in fruit trees, then clearing, came back
down road to edge of clearing, then skirted around high
edge of forest to north side & on over trocha at 5 30

*1252 Ochthoeca peruana ♀ 95
may be ♀ - black flycatcher
Shining green above, white below with small grey
spots, crimson tufts concealed, tail blue, bill, tarsi
and toes grey; tibiae crimson.

*1253 Terenura (?) ♀ 115
brown | black, leaden blue below | leaden blue
Pileum & sides of head dusky grey; back, rump, wing
coverts & tail blackish, edged olive green, wings
& tail blackish, edged olive green, double
wing bars pale yellow; throat & upper chest grayish
white, rest below, under wing coverts & edges of flight
feathers yellow.

*1254 Terenura (?) ♂ 138
brown | black, leaden blue, below | leaden blue
Pileum & nape, tail & wings, black; superciliary white
line through eye to nape black; back dusky grey, with
reduced black centers; throat, abd. & sides of body
white, chest pale grey, longest feathers
under wing coverts & edges of remiges white, crissum
white, & remiges edged white

*1255 Pogonotriccus ♂ 137
brown | black | black.
Pileum slate grey, rest above olive green; wing
coverts black, lesser coverts edged grey, middles greater
edged sulphur; remiges narrowly edged sulphur;
upper tail coverts white; faint white superciliary
line grayish, chest olive yellow, rest below sulphur
under wing coverts & edges of remiges sulphur

78

*1256 Basileuterus ♂ 144
brown) black, pale brown below) light brown.
head black; stripe below eye, broad superciliaries & median crown stripe of buffy white, superciliaries almost joining on nape; front part of crown stripe rufous orange yellow; rest olive green, tail olive, wings black, edged olive; below bright yellow, sides & flanks & short olive yellow.

1257 Dendroica ♂ 135
Same as 1238

1258 Mionectes striaticollis ♀ 134
same as Muscipeta
brown) black, pale buff below) dark leaden.

*1259 Pipra caerulecapilla ♂ 99
Sex
brown) black, leaden below) black.
Entire body black, except plumes & upper tail coverts bright silvery blue, covert reaching to end of tail.

1260 Pipra leucocilla ♂ 112
Same as Yucatan bird — Black, with white pileum & nape.
* red) black, brown blue below) leaden

*1261 Picumnus ♂ 102
brown) black, leaden blue basally below & outside) olive
Pileum & nape black, pileum with feathers tipped crimson, nape with white dots; back, browish olive, feathers faintly edged paler. Tail olive black, with broad white median stripe, wings black, outer edged & tipped white; secondaries & tertials edged white, thread & chest with subterminal black spot, feathers broadly edged white; rest below dusky white, sides & breast spotted black, belly faintly edged dusky; outer rectrices with outer web largely white.

1262 " " ♂ 105

1263 Sporophila guttoralis ♀ 117
same as 1227
Entire upper parts dull olive; throat & chest buffy olive, rest below pale buffy white, sides & flanks grey with olive.
brown) black, leaden below) black

*1264 Tanagra ♂ 106

brown | black, leaden below | leaden.
Soft shining grass green above, front & sides yellow
bleed olive green, bill below buff & commissure, sides
& flanks olive.

1265 Thamnistes ♀ 160

same as 773 (?) hazel | black, leaden olive below | leaden olive
(773 has red olive)

1266 " " ♀ 173

*1267 Tangara pulchra ♂ 152

brown | black | leaden blue,
Whole head & neck, ruff & breast mango yellow,
front & broad streaked cheeks; narrow area around
base of bill & big crescent on ear black, corners back
black, lower rump golden, secondaries edged golden green
interscapulium black, shaftedly streaked pale yellowish
green or greenish yellow.

1268 Leucolepis ♂ 166

same as San Juan
brown | black | blackish

1269 " " ♀ 163

1270 Vermiliornis fumigatus ♂ 184

brown | black, pale bluish below barely | leaden

1271 Tripsurus cruentatus ♂ 224

same as Jamaica yellow | black, pale at extreme base below |
olive

Encinas, March 6, 1930

This forenoon skinned birds from yesterday P.M.
Worked till 2 P.M., then went hunting till 6 P.M.
A beautiful day & sunshine + drifting clouds, no
rain. Last night & this morning cold (58°).
Went up trail to other clearing (Sta. Maria), birds
scarce & quiet, after one all day.

*1272 "Hummer" ♀ 130
black \ black
Bill larger heavy (25 mm) feathers 5 mm down culmen
+ 7 mm. down nasal. dark shining green above, plumage
slightly brown, tail long, green steel blue below, white
post. inner pair white, with large round subterminal green
spot on each feather, thigh black; crown dusky, edged with dark

1273 Dysthamnus semicinereus ♂ 129
brown \ black, leaden at base below \ leaden blue

1274 " " ♀ 130

1275 Myiornectes striaticollis ♂ 158
brown \ black, dusky flank below black \ leaden

1276 Sporophila guttoralis ♂ 122
same as 1263 - brown \ leaden blue \ black
dark grayish olive above, front & around base of bill black.
throat & upper chest black, rest below pale yellow,

1277 Corcomacra ♂ 170
same as 769 gray \ black \ leaden blue.
dark slaty black above, white gray below, wings
& tail black; shoulder white & bends narrowly tipped
white, concealed white on back.

1278 " " ♀ 157
♀ gray \ black, brown blue below leaden blue
olive brown above, front, sides of head & superciliary
region & entire under parts chestnut rufous.
flanks brownish

*1279 Thamnophilus ♀ 185
stram | black, lower tibia below | leaden blue
Palum, middle of nape & entire upper parts, wings & tail chestnut; rump & wing coverts below, white
flashed; sides of head & entire under parts barred
black & white. Throat streaked black & white;
flanks & crissum barred buff.

1280 Capurus calonus ♂ 272
brown | black | black.

1281 Conopophaga ♂ 142
brown | black, feet below | leaden blue.

1282 Lathria subalaris (?) ♀ 242
brown | black, leaden below basally | leaden blue

Encinar, March 7, 1930.

Another beautiful clear morning, no rain last night. Temp. 57°. Left my beds from yesterday afternoon & heard thrushes early. Went up to top of hill south of house (6050 ft) but found nothing. Birds very scarce. Indians have cleaned out everything apparently. Back at 11 30 with only 7 birds.

*1283 Drymophila caudata peruviana ♂ 164
brown | black, brown blue below | leaden blue

*1284 Xiphorhynchus (Dendrornis) triangularis ♀ 233
brown | black, blurred flank below, malar with
blurred white area from middle of cheeks | tarsus blue
front & sides blackish, with lobaceous shaft streaks
not above light olive brown, a few narrow shaft
streaks on hind neck & upper back, rump, upper & lesser
tail coverts & tail light, both blackish narrow
terminally spotted with ochraceous, chest with small
triangular ochraceous spots; a few faint shaft
streaks on belly & crissum; brown flanks paler than upper

1285 " " " ♀ 234

*1286 Myiochanes (5" wing) ♂ 190
Ashy grey above, palest on throat & breast, darker on crown & tail blackish
tail, tertials edged with pale grey, wing coverts & remiges edged
with pale buffy. Throat & breast ashy, breast also & crown
ashy, marked with buffy.
bill | brownish black, pale at base below | black

1287 Compsaconna sumptuosa ♂ 187
red-brown | black, leaden below | black

*1288 Euchlornis (Pipreola) frontalis ♀ 170
yellow | black, yellow at extreme base below | brownish yellow
Green above & below, palest & lower part generally; chin
yellow, throat & cheek, mixed yellow & green, largely yellow
on

1289 Trogon ♂ 267
same as San Juan?
Chest & upper parts green, sides & head & upper throat slaty black,
lower parts red. Outer rectrices barred with white & leaden
black; wing coverts & some tertials finely barred with cinnamon
buff & black on velvet green.
bill | yellow, tip pale olive | pale leaden

Finished skinning all birds on hand except Trogon
retired to bed at 11:20 P.M., hoping for another nice day
tomorrow.

Eunéan, March 8, 1930.

Very heavy frost morning more widely dashed; at
6 A.M. wind & cloud & fog rolling up from N.E.
Went out at 6 45 along main road towards
"71". Birds fairly abundant on right & road
margins. Rain began at 8 30 & continued in
a gentle drizzle till 10 15 when it stopped, but
still cloudy. Sun in sight at 10 45. 20 birds +
lost 6 by reason of dark foggy morning.

*1290 Adelomyia ♂ 100
black, dusky flanks.

*1291 Phaethornis ♀ 164

blue green above, rump & rectrices tawny cinnamon, edged basally & narrowly terminally with black; tail blue basally & narrowly terminally; feathers white tipped on outer webs

Superciliums, malar & loreal regions pale tawny cinnamon; black streak through eye

Bill below gray, paler basally; throat tawny cinnamon, crossed with black & chestnut "elongated" centers to feathers

black, cinnamon-rufous / chestnut

+ ~~1292 Coeligena~~ 143

~~brown / black, pale tips / bronzy blue~~

Ⓒ caeruleicapilla

1292 Pipra caeruleicapilla ♂ 96

black; with blue orange & red

brown / black, bronzy blue / black

1293 " " ♀ 105

Dull green above, olive green on head & throat, rest below olive yellow

brown / ——— / dull bronzy

1294 Pipra pigra comata

Leucorilla ♂ 115

black, with white cap

red / black, bronzy blue / dull bronzy

1295 Tanagra ♂ 105

same as 1264 brown / black, bronzy blue / pale bronzy

1296 " " ♂ 109

1297 Thamnophilus ♂ 175

same as 1279

dusky brown / black / bronzy blue

same as female, except pileum & nape black

ground-color.

1298 Xenicopsis laryus (?) ♀ 172

brown / black, pale rufous tips / rufous

rich brown above, back cinnamon, rump & tail bronzy blue

back below buffy brown, throat & chest streaked with

ochraceous

1299 Ramphocelus carbo ♂ 190

dark red / black, silvery white below, except tip

black / black

1300 Chlorornis riefferii ♀ 121
brown | black | leaden

1301 Tangara guttata ♀ 123
brown | black, leaden below | leaden blue

1302 " " ♂ 126

1303 " " ♀ 128

1304 " " ♂ 133

1305 Tangara pulchra ♀ 150
same as 1267. ♀ Each chestnut on throat & front
brown | black | leaden blue.

1306 Tangara yeni ♀ 154
forehead, sides of head, festoon on throat & throat spot green, rump scarlet, below chestnut, blue, throat & sides of head.
brown | black | dark leaden

1307 " " ♂ 155
breeding

1308 " " ♂ 153
breeding

1309 Euchlornis frontalis ♂ 190
same as 1288 — ♂, with throat & side of head & neck overlaid in throat & large patch on right side, with brilliant dark crimson; rest below nyddt, mixed with some green, mostly all round narrowly tipped metallic.

(32)

March 9 — Sunday.

No collecting today.

Ewers, March 10, 1930.

The birds under this date were collected by Custer yesterday afternoon (Sunday) mostly in Forest or along road at more or less 5000 ft.

1310 Popelairea popelairei ♀ 76
black \ black

1311 Phaethornis ♂ 163
same as 1291 - only below:
black, crimson below \ black

*1312 Scytalopus ♂ 140
Seems to be different from Huancabamba bird (387)
Pileum & sides of head sooty black, rufous tail coverts brown; wings & tail black, throat & breast slate grey, lower breast & abd. cinnamon rufous, slightly edged with black, flanks & crissum brown, tarsi black; others spec. as above
brown \ black \ dark brown

1313 Pipra caeruleicapilla ♂ 103
brown \ black, leaden below \ black

1314 " " ♀ 105
— \ — \ sodium

1315 Pipra pipra ♂ 117
red \ black, leaden below \ dark leaden

1316 Conopophaga ♀ 142
brown \ black, flesh below \ leaden blue-gray

1317 Hercolepis thoracicus ♂ 172
brown \ black \ black

1318 Pyriglena picea ♂ 202
red \ black \ black

*1319 Pipra ardens ♂ 153
Entire body & head scarlet, wings & scapulars black; wings with white dorsal bars & center.
brown \ black, leaden below \ leaden

1320 Capurus colonia (?) ♂ 280
brown | black | white

1321 Xenicopsis _____ ♂ 190
Zamora 650 (San Juan)
brown | white, blond flesh below | olive yellow

1322 Automolus atricapillus ♂ 367
brown | black, ridge dim yellow, orbit & throat white | black

1323 Piaya cayana ♂ 479
cinnamon | olive yellow | beaten

Eneñas, March 11, 1930

The first six below killed by Crest between Loreto & Sin Chacara last evening. The remainder by me on road To "71". Beautiful sunny day slightly cloudy. Birds rather scarce on road today but one big band. not rain today.

1324 Melanerpes (?) ♂ 143
This is ♂ to No 1272.
bill | black (Mackish.

*1325 Eutoxeres condamenei ♂ 139
black, lemon yellow below | yellow
Pileum rusty, above shining bronzy green more bronzy on back, finely retracen tips to form back & many a small blue spot on nape; throat black, heavily edged with rufescent; broad rufous subocular patch with dusky; crown dusky with short black rufous centers; tail below cinnamon, outer web of the outer retrices 25 mm. white then inside

*1326 Rhynchocyclus ♂ 155
gray | black, flesh below | bluish below
Pileum slate gray, rest above olive green, wings & tail heavily edged olive yellow, under wing linings & tail slate | yellow; lores & short superciliary white, auriculars blackish, with yellow shaft streaks, throat & chest pale olive yellow, rest below sulphur yellow; bend of wing & under wing coverts bright sulphur

*1327 Xanthopsis (?) ♂ 190

brown \ black, flush of tan below \ olive brown
face upper part dark rich seal brown; last dark
chestnut, wings edged ochre, back, long narrow
buffy yellow auriculars; throat buffy white or
pale buffy yellow, feathers narrowly tipped dusky
lower throat, breast & abd. olive brown, streaked with
buffy ochraceous; shafts elongated round on brown
throat, below longer & narrow, crimson chestnut
dusky narrowly streaked buff; inner webs
crimson & edges of remiges crimson

1328 Tanagra _____ ♂ 122
Same as Pileid 513
brown \ black, broken below \ broken black

1329 " " ♀ 115
mac-n Read to "91"

1330 Adelomyia _____ ♂ 100
black \ dusky

1331 Camptostoma ♀ 110
= no 717 Sanborn brown \ black, broken below \ dark broken
(add to desc) = head & neck light yellow lower coverts & edges remiges
pale sulphur

1332 Pogonotriccus _____ ♂ 127
same as 1255 brown \ black \ black
add to desc. — auriculars ochy, below eye whitish spot, below brown
ochy spot.

*1333 Heptopogon superciliaris (?) ♂ 166
gray hazel \ black, bronze pale \ broken
as described in B.M. Cat.

1334 Celeonaera _____ ♂ 166
same as 1277 brown \ black \ broken blue

1335 " " ♀ 160
— \ black, brown blue below \ —

1336 Thamnophilus doliatus ♂ 185
yellow \ black, pale from below medially \ leaden blue

*1337 Automolus (?) ♂ 236
brown \ black \ dusky brown
Plumage below much worn.
Below, wash intercapulium black, with rufous shaft lines, a belle white on back; wings below dull dark brown; rump & tail chestnut; under parts bright cinnamon buff, more cinnamon on throat; sides & flanks dull brown; crissum chestnut; small wing coverts edged & margined bright pale cinnamon

1338 Xenicopsis (?) ♂ 196
same as 1327. brown \ black, pale below medially \ brown tinged

1339 Xenicopsis ♂ 181
same as 1298
brown \ blackish, paler medially, pale bluish below \ olive

1340 Thraupis cœlestes major ♂ 195
brown \ black, leaden below \ dark leaden

1341 Pipra leucocilla ♂ 117
red \ black, leaden brown below \ blackish brown

1342 Pipra cæruleicapilla ♀ 106
brown \ black, leaden below \ dark leaden

1343 " " ♀ 109

1344 Tangara pulchra ♂ 156
brown \ black \ leaden

1345 Tangara guttata ♂ 135
brown \ black, leaden below barely \ leaden

*1346 Cacicus uropygialis ♂ 310
greenish blue \ yellow broadly, pale yellow apically \ black.
Entire body black except rump & scarlet.

Eneean, March 12, 1930.

I did not shoot today, as I had a cold that even from yesterday & cartridges to load. Instead I went to collect today. We intend to lift up Camp (bag etc) back down & duplicate Anden to about 4500 ft. all collecting done en route along Main Road. — Rain all day. Only a light shower about 1 P.M. today. Weather mostly cloudy but considerable sun during afternoon. Found Hummer in big pool on creek at lower edge of clearing, which I must go to tomorrow.

*1347 Myiotheretes (?) 131
brown(?) | black, flecked below barely | leaden blue
Bill slender, sharp, metal bluish horn
Olive green above, forehead slightly darker, rump edged olive yellow, lesser coverts broadly tipped buffish; double wing bars pale yellow; lower eye ring buffish; throat whitish dusky olivaceous; breast belly pale yellow

1348 Colibri iolatus ♂ 185
black | black

1349 Terenura ♂ 138
same as No 1254
pale hazel | black, brown blue below | leaden blue

1350 " " ♀ 139
♀ same as ♂ except forehead tawny & crown slightly mixed with buffish; sides neck tawny olive, throat pale ashy grey.

1351 Pipra pipra iodomata ♀ 125
Head slate gray, throat ashy gray, chest olive, rest below olivaceous gray; glossy olive green
red orange | black, bluish gloss below | leaden blue

*1352 Sittasomus ♂ 180
brown | black, leaden blue below barely | leaden (filmy washed brown, below washed tawny
Whole head & throat pale ashy gray, R. cinnamon, brown back, rump, tail & tertials ———, shoulder region ashy, secondaries dusky edged olive brown, inner webs cinnamon; wings with cinnamon band across middle & tips cinnamon; outer pair entirely; inner webs white

*1353 Scotothorus turdinus amazonus ♂181
pale gray | black, | pale drab color tarsi | darker from
Peters dark brown, | and above olive brown; throat buffy
brown; and below gray with rufous

*1354 Thamnophilus melanothraus ♂168
brown | black, leaden below tarsi | leaden blue
♂ whole body uniform shining black; large concealed
dorsal patch white; shoulder patch all round small broadly
tipped white; restricted tipped white & an obsolete white
bar on wing coverts; inner webs of wing coverts black, narrowly
white & margin before edged white
♀ Pileum scarcely visible crested edges, back dull brown with
dull olivy, with fine white shaft lines; throat pale grayish,
with white shaft lines; chest dark brown, rest below
cinnamon brown, also under wing coverts.

1355 " " ♀164

1356 Xiphorhynchus ♀234
Entire upper parts chestnut ? throat & flecked whitish
brown | dusky brown, black tarsi, | olive brown | leaden

1357 Buarremon brunneinuchus ♂199
red-hazel | black | black

1358 Chlorospingus flavigularis ♀166
pale hazel | black, leaden tips | leaden blue

*1359 Dacnis (?) ♂135
brown | black | leaden blue
Pileum & upper back & edgings to wing coverts (feathers
subterminally) black; fringe of tail in cream & red orange patch
on upper tail coverts; rump blue; sides of head dark green
throat black; dark chestnut patch covering scapulars &
fourth back; chest band shining opaque black, bill & tarsi
flat bluish & throat & throat; rest below purplish
blue; sides, flanks & crissum green

*1360 Capito glaucogularis ♂181
Cap, sides of head, upper throat & patch below yellow chin,
bright scarlet; pale blue nuchal collar & patch on throat below
scarlet; broad malar stripe & chest pale buffy, narrow orange
band below blue patch on throat; rest above green (more)

lower head, body & wings streaked with green & yellow; inner webs of tail rufous — dark green above, paler below — small bluish patch on rump.

*1361 Aulacorhynchus {~~subtelyorus~~ derbianus
lores / basally & apically dark crimson, medially black / blue
Feathers dark green; throat & slight supercilium reddish tail tipped chestnut — dark green above, paler below — small bluish patch on rump. ♂ 428

*1362 Cryptorus obsoletus ochraceiventris ♂ 285
pale lagel / black, dial shelow / brat.

Head, throat & neck pale gray; rest of body except flanks, thighs & anal, dark chestnut / purple / brassy brown, with dark bars, light & flanks chestnut / rufous, heavily barred black.

1363 Trogon personatus ♂ 271
brown / yellow / dusky yellow

*1364 Anhinga ♂ 877
(49) red bare / lavender yellow / blue, ridge / black / head & neck yellow

Easter Break 13

Should write today which were that yesterday, as Crits did not get in till very late. Fortunately I did not have to go out as it rained all day. Finished at 6.30.

Emerau, March 14, 1930.

Cloudy this morning but appeared to be breaking up. Went out about 7 this, up road towards Lufa. about 9 o'clock heavy shower came up Rudderly + drenched Ward for about 45 minutes, then quit + about 11 o'clock cleared up, with drifting clouds

1365 Conopophaga ♂ 148
brown | black, flesh tubes | leaden blue.

1366 Lophotriccus squamaë cristatus ♂ 113
brown | black, flesh & tarsus tubes | dull leaden blue

1367 " " ♀ 106

1368 " Oreatus peruanus (imm?) ♂ 99
comme au Mr. 1252
black | flesh

1369 " " " (imm?) ♂ 100

1370 Dysthamnus mentalis ~~textrici~~ ♀ 135
~~semicinereus~~ olivaceus
brown | black, leaden tubes, leaden blue

1371 Pipra cæruleicapilla ♂ 98
brown | black, brown blue tubes | dark brown

1372 Pipra pipra ♂ juv ♀ 115
~~coronata~~
red | black, brown blue tubes | dark leaden

*1373 Tangara ♂ 142
Entire body cæruleum blue except: — narrow front + around eye black; occiput orange mixed, wing, tail black, all edged blue, centre back & breast verditer, belly & crissum tawny cinnamon; under wing coverts white; skirt + upper back washed with purplish blue.
brown | black | black.

1374 Tangara pulchra ♀ 148
brown | black | leaden blue.

1375 Aulocorhynchus atrogularis ♂ 362
brown | black, ridge green yellow, bare around
white | blue

*1376 Pyrrhura rupicola (?) ♀ 280

Pileum & nape sooty brown, latter with pale edgings to feathers; throat & sides of neck buffy white; feathers early basally, bleak sound yellow; rest below green, with crimson patch on middle of lower breast, above entirely green, including wings, except bend of wing & primary coverts scarlet; rump very dark green gray; blackish, dark brown below / black.

× × × ×

Encinas, March 15, 1930

Began raining last night at 10 P.M. & shot until stopped till 1 P.M. today. Loaded cartridges & rested up cards during afternoon. Went out at 1 30 P.M. up Trocha to N.W. to Indian house, then off to Sta. Maria road & in to Potrero, then up to tree of yellow flowers on edge of forest, collected all the Pyrrhuras, all other birds taken on ridge up near Indian house. Rain at dusk.

1377 Ocreatus peruanus. amer. ♂ 148

♂ Body all green, throat glittering, tarsi & toes with short white tuft; down tail steel blue, with outer webs & tip black; long flag of wing black / black

1378 " " imm ♂ 94

1379 " " ♀ 95

1380 " " imm ♂ 95

1381 Colibri isolatus ♀ 138
black / black

1382 Heliocolepis thoracicus imm ♀ 162
brown / black / blackish

1383 Sittasomus ♀ 181
brown / black, brown below to brown / brownish olive

1384 Sittasomus ♂ 190

1385 Xenicopsis (anxius (?)) ♂ 190
brown | black, pale blue bill olive

1386 " " ♀ 178

1387 " " ♂ 187

*1388 Piprites chloris tschudi ♂ 148
fide Berl. see Cat. B. B. Mus.
brown | dusky brown, pale yellow | pink.

1389 Daenis. ♂ 140
same as No 1359
brown | black | dark greenish

1390 " " ♀ 147
♀ Entire upper parts, wings & tail dark green, feathers dusky underneath; below dull greenish, mixed with buffy on throat & breast; thighs orange chestnut; gray, olive margins.
brown | blackish, yellow tinged below | yellow, tinged olive.

1391 Tangara pulchra ♀ 145
brown | black | dark blue

1392 Sporophila guttoralis ♀ 122
brown | black, pale yellow below | pale

1393 Lathria sobalaris ♂ 248
brown | black, pale yellow tinged | pale yellow

Encinas, March 16, 1930

Rained from 3 A.M. till noon today. Skunk birds shot yesterday afternoon, hunted at 3 P.M. Green Heron shot this A.M. afternoon, but found very little. Weed must dry today & tomorrow.

1394 Phaethornis ♂ 173
Same as 1291. black, cinnamon below | dusky

1395 Pyriglena picea ♂ 196
red \ black \ black

1396 Momotus ♂ 553
pale turq \ black \ black

1397 Xiphocolaptes promeropyrhynchus ♂ 332
Same as Sanguine
brown \ dusky brown \ pale chestnut below \ chest

1398 Xiphorhynchus ♂ 241
throat spotted, next below streaked
brown \ black with buff, pale yellowish, blunt pick
below \ beak

1399 " " ♂ 256

1400 " " ♀ 244

1401 Pipra caeruleicapilla ♂ 99
red-brown \ black, beak below \ black

Ecuador, March 17, 1930

1402 Leptopogon ♂ 159
gray \ black, pale at base below \ beak blue

1403 " " ♂ 145

1404 " " ♂ 157

1405 Rhynchocyclus ♂ 154
Same as 326
gray \ black, flesh below \ beak blue

*1406 Dacnis ♂ 134
White, body dorsal black, nape orange yellow, neck & mantle, back & scapulars black, with blue & pale [illegible] ground color, middle of back, rump, outer & back stripe, rump & tail black, edged blue

lower crests bright, extending blue; lower throat & upper chest buffy white, rest below grayish white, sides dusky

red | black, yellow broadly below | leaden

1407 Pipra leucocilla ♂ 117
red | black, leaden below | bluish

1408 Phaethornis _____ ♀ 172
black, cinnamon below | dusky

1409 Myrmotherula _____ ♂ 110
dark slate gray, black down middle, throat white
brown | black | leaden blue

1410 Cercomacra _____ ♂ 147
same as 769.
brown | black | leaden blue

1411 Xenicopeis _____ ♂ 187
same as 1347
brown | black, flesh below narially | olive

1412 | Picolaptes _____ ♂ 222
brown | dark brown, blackish flesh below | olivic
Same as 353

1413 Taraba nigricincta(?) ♂ 135
same as 375 brown | black, flesh below broadly | dark leaden

1414 " " ♀ 132

1415 " guttata ♂ 133
brown | black, leaden below | leaden blue

1416 Comsecoma sumptuosa ♀ 190
red-brown | black, leaden below broadly | black

1417 Capito glaucogularis ♀ 176
brown | bluish purple, ridge black | olivic
♀ back green, inclining more olivic; lores black; chin dusky, throat, auriculars & superciliary line bluish; crown color below like back; chest olivic, marked blue-green, breast belly & sides streaked green & pale yellow, [illegible]
wrists & edging of wing pale yellow

*1418 Calocitta coccineus ♂ 177
brown \ black, bare blue skin, bill \ bare
Throat, sides head & neck & tail black, rest of body
chestnut maroon.

*1419 Eurypsa ♀ 468
red-brown \ orange, ridge black \ dusky orange

*1420 Tityra albitorques (?) ♂ 224
brown \ reddish basally, blush pink apically \ dark loden

*1421 Xanthoura yncas ♀ 320
yellow \ black \ loaden horn

1422 " " ♀ 322

1423 " " ♂ 350

1424 Pyrrhura (?) ♂ 272
same as 1376
brown \ blackish brown, pale tubers \ black

March 17

The first really fine clear day of course on the Pacific slope. No clouds till noon, & only drifting cumulus in P.M. Went up canal to "71" nearly to Barro Blanco & back. Birds fairly abundant, but mostly high up. Got back to town at 2[15] P.M. Worked till 11 P.M. Net 8 hours force yesterday P.M. & my 23 made 31.

Tuesday March 18, 1930

Skinned birds all day. Birds scarce shooting for same, rain all day. 9 AM 17 birds 3 PM good. Afternoon with light rain about 4 PM for hour, cloudy till 1 P.M. afternoon August.

1425 Myiobius ♀ 136
same as No 1214. brown \ black, yellow tubers \ black

1426 Myrmotherula ____ ♀ 116
♀ ♂ Iwo 1409. brown | black, dark brown when barely | leaden blue

1427 Basileuterus ____ ♂ 145
With buff superciliary & median crown stripe
brown | dark brown, dusky flesh below | yellow

1428 Premnoplex brunnescens ♂ 160
brown | black, flesh below | leaden

1429 " " ♀ 157

1430 " " ♂ 150

1431 Xenicopsis ____ ♂ 184
buffy superciliary throat & pectoral chest.
brown | blackish, thinly olive below | olive

1432 Pipra leucilla (imm) ♂ 121
brown | black, dusky flesh below | leaden

1433 Diglossa personata (?) ♀ 132
yellow | black | brownish black

1434 " " ♂ 133

1435 Capito glaucogularis ♂ 182
red | blackish, tip olive, ridge blackish | olive

1436 Tangara ____ ♂ 139
Samuan 393 Nunafuta
brown | black | leaden blue

1437 Chlorenerpes rubiginosus ♂ 245
brown | black | leaden

1438 Aulacorhynchus { ~~subtilyrus~~ / derbianus } ♂ 413
brown | dark reddish brown, tip of bill, ridge black | olive

March 19th

Skinned birds shot by Cuto yesterday & packed up.

Tuesday, March 20, 1928

Shot these birds on road to Ayapas.

*1439 "Ayapas" Atlapetes (?) ♀ 177
red-brown | pale brown blue, ridge black | black.
throat yellow, crimson chestnut, breast tawny; back
& rump dark blue, crown slaty; narrow frontal &
sides of head black

*1440 Columba subvinacea ♂ 352
brown | black | pink-chestnut.

1441 Capito glaucogularis ♀ 183
same as skin from Ecuador
red | black blue bastly, yellowish apically, ridge
black | blue

Ayapas, March 21, 1928

Shot behind on road to Perene (3000 to 5000 ft)

*1442 Thamnophilus ♂ 170
Slaty black above slate grey below, with small
white dots on tips of scapulars, coverts — no other white
brown | black, dark beaten below | leaden black

1443 Xenicopsis ♂ 192
Head buffy brown, below buffy brown, under
wing coverts & lining of wings pale buffy cinnamon
brown | blackish brown, tip pale, blends pale below | blue

1444 Cercomacra ♀ 169
same as Ecuador spec. — ♀ bright cinnamon rufous
below, blends to brown, color of head & upperparts same
brown | black, pale below | beaten blue.

1445 " " ♂ 170
brown | black | beaten blue

1446 Tangara yeni ♀ 162
brown | black | beaten blue

Total species taken previous to Iquitos 325
" " " on Iquitos 60
385
Total species to date. 435

Pereni March 22.
did not get my baggage from bridge till this morning. skinned the 6 birds I had shot yesterday, overhauled outfit, & went to Sa Nereni at 4 P.M.
It rained hard last night from about 11 PM till 7 AM. today. No rain on 20th. & 21st. Coming out from Encruas, rained night of 21st. No rain today.

Pereni, March 23 (Sunday)
A little rain early this morning, later on cloudy. I went back to Pereni on track at 7 30 AM. Rested most all day today. Hard shower between 10 & 11 AM, then cleared off.

Pereni, March 24, 1930
Rain from about 4 AM till 7. Went out on track to head of San Juan till I collect back to Pereni, reaching there at noon. Morning foggy & cool. fine rain for some time. Birds very scarce. Cloudy all day, with intermittent showers.

1447 Flycatcher ♂ 130
either like 536 or new. — Hair brown above, slightly mixed with chestnut on forehead & forepart crown, bare & buff & buff edging on scapulars. Throat & chest grayish, obscurely; rest below pale sandy fulvous.
brown | black | black

1448 Rhynchocyclus flaviventris ♂ 131
gray-brown | black, pale at base below | leaden blue

1449 Rhegopedius cantator ♂ 163
red-brown | black, pale leaden below | pale brown.

1450 Cyclarhis guianensis ♂ 160
yellow | dusky brown, leaden below | flesh

1451 Piranga facata breeding ♂ 190
brown | blackish brown, pale olivaceous brown below | blackish

1452 Thraupis cœlestis major ♀ 184
brown | black, leaden below | leaden

1453 Pachyrhamphus polychropterus niger ♀ 157
brown | leaden blue, base below pale | leaden
Wing 3in 9 to 1158 — dark olive above; forehead & anterior crown black; orange black mixed with brown. Under part

Z [illegible] taller & darker color same
tail blacker with broad cinnamon tips, below olivaceous
yellow, more yellow on belly & crissum

*1454 Vermivora ♀ 166
brown \ black, blackish flecked below \ leaden
Pileum dark brown, with fine whitish dots, blacker front,
superciliary & ocular streak from base whitish; nape
bright golden olive, rump concolor with whitish spots &
edges; wings & tail dusky, bright golden olive streaks
upon secondaries & rectrices, latter & greater coverts
narrowly bordered with dull olive-yellow; under
parts canary yellow with a faint wash of buff on
sides & white on chin & middle of abdomen.

Perené, March 25, 1930.
Early morning cloudy & foggy, but it cleared off
about 8:30 & was sunny all day. Fair clear day from
then on. Some rain last night.

1455 Agyrtria ♀ 100
Like preceding, same as 515
black, dusky flecked below \ black

1456 Nyctidromus albicollis ♀ 262
brown \ brown, tips black \ dull brown

1457 Todirostrum ♂ 115
same as 505 brown \ black \ pale leaden blue

1458 Rhynchocyclus flavoventris ♂ 133
gray-brown \ black, flecked with buff below \ leaden

*1459 Vireosylva olivacea (?) ♂ 182
brown \ black, flecked with buff below \ leaden
Pileum slate, next above dark slate-gray, broad superciliary &
occipital buffy white, with black line above & dusky line
through eye; sides of neck & cheeks gray; lower parts grayish
white; crissum sulphur; under wing coverts almost white.

*1460 Malacoptila fusca ♀ 195
red \ orange-rufous, ridge black \ olive
Pileum, nape & sides of head blackish,
streaked with ochraceous, paler on pileum & more buffy
on throat; lores, short malar streak & pectoral patch
white; rest of upper parts & wings dark brown, streaked
with buff; breast (below pectoral band) streaked buffy
ochraceous & blackish; belly & crissum pale buffy white.

1461 ♂ 181

Perené, March 26.

Spent day loading cartridges & packing birds.

Perené, March 27

Spent day overhauling outfit, repacking & finished packing & drying skins started had got down to the last of the skins.

March 28.

Left Perené at 6 Am, 1 cy baggage for Huancayo stopped in La Merced for breakfast & to make a few purchases. Arrived at Huancayo at 11 Am. Spent afternoon writing letters & sending out specimen cards from Europe.

Huancayo, Sat. March 29, 1930

Up at 4 Am, coffee in kitchen & left with 4 chasse. Left at 4.30 for Tarma & Oroya reached Tarma at 9 Am. about 6 hrs. Birds received were 7 & 3 were not in good shape from 3 months in Cerbanda. Only got 16, 1 of several. Went up to about 11,000 ft. Got back to Huancayo (6000 ft) at 3 P.M.

1462 ✓ Ramphomicron microrhynchum ♂ 98
Mach | black

1463 Metallura { tyrianthina / williami } ♂ 105
mach | black

1464 " " ♂ 103

1465 " " ♀ 99

* 1466 Heliangelus ♂ 118
dark olive green above; tail green above, steel blue below; throat green, with fine pointed ends, blazed glittering purple, fastened by a tuft of white feathers, and below shining green. Lobiveby, succeeded Rule Tarma crimson fed flowers, beetle. Stomach, adipose tissue.
black | black

1467 Vicerinensis ♀ 147
brown | black | black

1468 Myiobarus melanocephalus
brown | black | black ♀ 147

1469 Nesotriccus ♂ 143
brown | black | black

1470 Basileuterus luteiviridis ♂ 161
brown | black | yellowish brown

1471 " " ♀ 159

1472 Ochthoeca leucophrys ♀ 137
brown | black | black

1473 Atlapetes tricolor ♂ 165
black | black | chestnut, brown

1474 Diglossa pectoralis ♂ 150
brown | black | black

1475 " " ♂ 154

1476 " " ♂ 157

1477 Turdus fuscater gigantodes ♂ 350
brown (eyelid yellow) | chestnut | orange red.

March 30 - Sunday.

Hard shower 12:30 to 1:30 P.M., clear.

Huacapistana, March 31, 1930

Left town at 5:15 A.M. and straight up slope to Cruz Grande and Infernal Road for 3½ hrs to Shacado Pucallpa. Cold at 1 hr. Grey slightly cloudy, drifting clouds.

Mosquitos & Crabgrass about on slope at about 6,700 ft. or more.

All rain today, only drifting clouds. Mist at 12:30 P.M.

*1478 Helianthia insectivora ♂ 149
dark shining green above, rather widely cream
black; cerebral spot dark glittering bronze green
broad orbits dark on cheek; not below dark shining
green; tail white with broad green tip.
black \ flesh

1479 Basilestrus luteiviridis ♀ 152
brown \ black \ brownish yellow

1480 Ochthoëca lessoni ♂ 139
brown \ black \ black

1481 Pyrrhomyias viellotoides ♂ 145
brown \ black \ black

1482 Synallaxis azarae ♀ 165
brown \ black, tinged below \ black tinged

1483 Atlapetes tricolor ♀ 175
brown \ black \ brown tinged

1484 Cinnycerthia peruana ♀ 149
dark brown \ black, blond here below \ blackish

1485 " " ♂ 160
— \ black, yellow flesh below basally \ —

1486 " " ♀ 154
[illegible] as 1484

1487 Picolaptes _____ ♂ 226
[illegible] Olive brown tinged
brown \ black \ brown yellow below \ black

1488 " " ♂ 220

*1489 Psittospiza elegans long ♂ 205
Entire body [illegible] green, wings crimson
bright green; head, neck, face & chin & throat chestnut
a blue patch on front between chestnut & green forehead
bright \ crimson \ salmon red

1490 Thraupis cyanocephala ♂ 186
brown \ black, dark blue at base [illegible]

1491 Atlapetes tricolor ♂ 192
brown \ black \ blackish

*1492 Pipilo fuscus ♀ 250
White throat & cheek patch, brownish, below paler, malar stripe, lateral throat spot, sides of neck, under parts, flanks, crissum brownish & tone of back, wing & tail edged greenish.
brown \ yellow \ dusky brown

1493 " " ♂ 275

*1494 Andigena hypoglaucus lateralis ♂ 500
pea green \ yellow crissum, broadly yellow on sides, dusky black on throat, malar, black, middle portion of throat light cerulean blue, chest & sides of neck dusky blue, crissum crimson & tone of tail, wing & body & wings green.

Pileum & chin black, nape pale blue, back olive brown, rump yellow, tail black, tipped chestnut. Lower parts pale grayish blue; crissum scarlet

Anacapa Island, April 1, 1920.

All parts dry! & 2 perfect ovaries! Juvenile by color, being yellow on .3 cerebrum (4 in juvenile) and not fused at all. Testes not examined on account of breeding.

1495 Microspingus ♀ 147
brown at 441 brown \ black, darker than below \ cerulean brown

1496 Oethoeca rufipectoralis ♂ 146
brown \ black \ black.

1497 Poecilothraupis inornata ♂ 170
brown \ black \ black.

1498 Xiphocolaptes promeropirhynchus (?) ♀ 314
Wing 96 mm in 658 & 1397. (see description) bill 0 black not.
Do not think they find black brown adult, & still immature color
Bird with brown crown, yellow above, yellow throat, white
& rufescent, rump & tail rufous, & tail dusky & orange.

(Description taken from ♂)

♀ tail chestnut, primaries tipped blackish; feet reddish; ♂ similar, stuff of rebecca, feathers with narrow dusky edges; skin pale ochraceous, throat, chest & sides with matte hard stuff of rebecca, abruptly on chest & merging with blackish edging; median foot & tarsi ochraceous, with darker black darning; crimson rufous brown, with rebecca shaft streaks; lining & margin cinnamon; nares very small; pale cinnamon rufous, barred with black; gall with median area lighter; bare eye, frontal black dusky, malar & chin pale ochraceous, throat, chest & sides with

1499 Xiphocolaptes promeropirhynchus ♂ 328

Huacapistana, April 2, 1930.

Head with above lengthening, head, crowning from forehead back with pale gray; hood above lighter buff (gone to 1150 ft) back scarce, dusky olive; rump, chest with about 1 P. 24. Tail black to 1 P. 21. - Quite a throne, in evening.

1500 Helianthea ——— ♂ 166

same as 492

black / dusky black

1501 Eriocnemis ——— ♂ 130

blue cinnamon

black / black

1502 Synallaxis azarae ♀ 127

same as 1481 Huac. Lagoon

hazel / black, lores blue / pale blue

1503 Troglodytes musculus ♂ 132

brown / black, flank below / dusky flank

1504 Diglossa brunneiventris ♀ 135

brown / black, lower below / brown, lores white, feathers with dusky edges, giving scaled effect; throat & chest dusky black; lining cinnamon, finely barred with dusky; flanks pale blue; rest below chestnut, except white throat, black; rump & upper tail coverts clear pale blue; no flanks.

1505 Myiechona ♂ 190

same as 1286

The buff reading on belly & crissum in 1286, evidently due to fresh plumage. these two show no buff at all. All clear slate gray above below brown \ black, flab brown below \ black.

1506 " " ♀ 179

1507 Diglossa pectoralis ♂♀ 157

brown \ black, touch of black

1508 Hypothraupis rivolii ♀ 258

brown \ black \ bodom

1509 " " ♀ 256

1510 Poecilothraupis cyanolaema ♀ 187

brown \ black \ black,

1511 " lachrymosa large ♂ 177

brown \ black \ black

1512 Diglossa personata(?) sex? ♀ 165

red \ black \ black

*1513 Buthraupis cucullata large ♂ 255

orange \ black \ black

Head, back, throat black; nape & nuchal patch glossy dark turquoise blue, spreading over breast & shoulders; rest of wing & body deep blue; tail black, edged blue; flanks yellow, deeper throat & thighs black.

*1514 Leptosittaca branickii ♂ 393

forehead orange, loral color, crown black and Nape, sides of neck, throat, rump, upper back & lesser wing coverts, green, becoming light bluish; back yellowish green; breast & abd. dull red, feathers edged yellowish green, flanks & thighs green; but dull red bases, showing green when bent back; orbital ring & lores, median abdomen, eye; lower greater wing coverts golden yellow; bill & legs dark brown

1515 " " ♀ 354

Huacapistana, April 3, 1930

Went across river on suspension bridge, ascended up to about 7,200 ft & down to trail below Boca Chacara. All birds except Atlapetes (Nr. 1491) shot between 7000 & 7300 ft. Cloudy all day, a drizzling rain about 9 to 10 a.m.

*1516 "Dendrex" _____ _____ (?) ♂157
brown | black, flank below | leaden

Tail long (65) soft & rounded; bill rather abruptly pointed, slightly curving; above dark olive brown, slightly olivaceous on rump; upper tail coverts & tibial feathers sooty; narrow obscured dusky commissure; ochraceous superciliary, orbital streak buffy ochraceous, very slightly shading to feathers; cheek coarsely spotted coarsely & broadly with a pale olivaceous shaft; rest below pale olive brown, paler on throat & lining of wing; buffy ochraceous

1517 Xenicopsis _____ ♀189
Same as 395.
brown | black, pale blue laterally behind | olivaceous

*1518 Aulacorhynchus caeruleicinctus borealis ♀405
pale straw | leaden blue, pale apically | olivaceous
black at base of culmen

Upper parts including sides of head, bright olive green, with scarlet patch on rump, & chestnut tips to tail throat white, streaked with olive around sides & lower edge; rest below yellowish green, with a faint blue band curving down across breast from shoulder, olive green; a short black white superciliary, from eye back.

1519 " " ♂405

1520 " " ♂423

*1521 Nothocercus nigricapillus ♂358
dark brown | black, dusky flank below | dark chestnut
Whole head, nape & sides of upper neck, blackish; throat pure white; upper parts, including wing coverts dark olive brown, finely vermiculated with blackish; greater coverts & bristles of chest with ochraceous shaft; neck, entire chest buffy brown, finely vermiculated with black; rest below buffy ochraceous, vermiculated with dusky

1522 Penelope sclateri plumosa ♂620
brown | black | buff notum
naked throat skin scarlet

1523 " " " ♂612

Huacafundana, April 4
Started both left out, from yesterday
& did various odd jobs, - fine day, hot noon

Huacafundana, April 5, 1920

Went up to Company Road, left home at 5:30
reached road at 6:30. Went around valley
on foot K. 10. Everything wet from road.
Forenoon cloudy, a light shower 10 Am cleared
up at 11 o'clock, cloudy again late in P.M.

1524 Nothocercus nigricapillus ♀365
brown | black, dusky flesh tubes | dark drab

1525 Xanthoura viridicyanea ♂358
brown | black | black

1526 " " ♂355

*1527 Turdus _____ bill ♂225
brown | orange yellow | indian yellow | eyelid yellow
Entirely jet black, a soft black, mid shaft

1528 Saltator laticlavius ♂222
brown | orange | blackish bill

*1529 Sporophila _____ wing ♂8 ♀15
brown | blackish brown, beaten tubes | black
olive brown above; upper tail dull blackish
throat buffy white, sides of head, sides of neck & chest pale
buffy olive brown, breast & abd white; crissum white,
long feather subterminally dusky; under flank color
& chest. Under wing coverts & edging of primaries white

1530 Myiochanes _____ wing ♂190
same as No 1505 brown | black, brownish flesh tubes | black.

1531 Venilliornis fumigatus ♀192
brown | beaten black, pale tubes | beaten

1532 Tangara _____ ♂ ♀160
same as 394 brown | black | beaten blue ♂

La April 6. Sunday.
Packed up in forenoon & left by truck for Tarma at 1 30 P.M. reaching Tarma about 4 P.M. Impossible to continue on to Oroya on account of one way traffic regulations on road. Spent night in Tarma.

April 7. Monday.
Left Tarma for Oroya at 7 30 A.M., reaching Oroya about 9 30. Shipped birds & past 3 equipment to Lima. Spent P.M. writing letters & making acquaintances. Mr. Colley not in town.

La Galera, April 8, 1930.
Left Oroya on a freight train at 3 30 A.M. for La Galera, riding on engine, but nevertheless paying regular 1st class fare & with special permit in addition. Reached La Galera (entrance to tunnel through crest of range) at 7 30 A.M., alt. 15650 ft. Some snow on ground & peaks all round covered with snow, collected from Galera down ~~to~~ valley and around bases of snow peaks, taking most of the birds between 14500 & 15,800 ft. Partly cloudy, with some bright sun. Caught Passenger train at Sweetch Back 15 Kilometers below Galera, at 3 40 P.M. & just as a rain storm broke. Reached Oroya at 4 45.

*1533 "Hummer" ♂ in hand 12 5
black \ black
Bill short & almost straight (12mm) (wing 77 - Tail 50) male bird a rich grayish brown, darker above & marked slightly with buffy grayish. No 1533 has a few glittering green feathers on chin & one glittering green feather on throat. Tail nearly square, middle feather 5 mm. on shortest.

1534 " " ♀ 119

1535 "Hummer" ♂ 135
=No. 233 wing 70; tail 50; bill 16, slightly bent down black \ black dull grayish green above, rufous tail with light green; last steel blue above & below; wings grayish brown, whole throat glittering green, feathers on sides of throat longer & ruffle; rest of lower parts, except crissum, rusty blue, slightly shining; crissum grayish green, shoulders & side of chest & under wing coverts buffy cinnamon.

APR 9 '30 APR 8 '30 APR 9 '30

1536 Nunnun ♂ 135
same as 1525.

1537 Asthenes ♀ 153
may be same as 204. brown \ black, / pale at tip tail \
/ bill olive brown
Upper parts dark grayish brown, pileum & interscapulum feathers with dusky shaft streaks; rump darker brown than back, narrowly edged with pale rufous; a broad pale cinnamon band across middle of remiges except outer 3; inner primary coverts & narrow edging to remiges pale cinnamon; chin & throat orange rufous. Throat streaked with & dusky; rest below pale buffy ochraceous.

1538 " " ♀ 153

1539 " " ♂ 162

1540 " " ♀ 157

1541 " " ♂ 162

1542 Geositta saxicolina ♀ 170
same as 1 ♂ 211 - brown \ black \ black
Upper parts pale hair brown, with slight buffy ochraceous wash; upper tail coverts & tips of tail pale buffy white, bar of tail, under coverts same color; exposed part of tail blackish remiges sooty gray, tips of remiges blackish & edged color of back. Wing coverts entirely buffy cinnamon, greater coverts tipped blackish; sides of head & entire lower parts buffy white, throat white; tail below same, with blackish subterminal area; under wing coverts buffy white & remiges edged white on basal ⅔; bill straight - 13 mm.

1543 " " ♂ 171

1544 " " ♀ 170

1545 " " ♀ 165

1546 Cinclodes palliatus (?) ♀ 176

bill short & straight 13mm. - brown | black | black.
Pileum sooty brown; rest above brighter rufous brown, rump & tail blackish above, former with broad buffy white band across middle & with apical portion & narrow edged buffy ochraceous; quite conspic broadly tipped ochraceous; also ochraceous spot at base of outer primaries; broad buffy white superciliary; throat & chest whitish; sides & flanks & crissum buffy brown; 2 outer rectrices buffy cinnamon on tip & outer web.

1547 " " ♂ 178

1548 Muscisaxicola alpina grisea ♂ 192
brown | black | black
Pale ashy gray above & grayish white below; tail & wings black, outer webs narrowly edged whitish; rump ashy; tertials edged grayish white & 2 adjacent tipped same; lining of wing same color as head; white line from lores to back of eye - no trace of crown patch

1549 " " " ♀ 188

1550 " " " ♂ 185

*1551 Muscisaxicola flavinucha ♀ 191
brown | black | black
Very similar to M. alpina grisea in general coloration, but a little darker, & upper parts slightly brownish gray; white superciliary wider & longer, but at once recognized by the conspicuous buffy yellowish occipital patch.

1552 Agriornis _____ ♂ 252
stout | black | black
Dark grayish brown above, middle retrices tipped, lesser wing coverts creamy white; throat white with narrow dusky shaft streaks; lower buffy white, auriculars buffy, chest dusky grayish buff; breast & belly buffy white, crissum white; inner wing coverts creamy white, remainder edged same, & cuff towards tips

*1553 Museisaxicola albifrons. ♂ 232
ou dun. Cat. B.B.M. p. 54 brown \ black \ black

1554 " " ♂ 237

1555 " " ♂ 231

1556 " " ♀ 228

1557 " " ♀ 233

1558 " " ♂ 231

1559 Spodiornis (?) ♀ 130
Sable gray upperparts - brown \ black, pale brown below \ black
Pileum & interscapulium brownish cinereous, heavily streaked with
dark brown (shaft blackish) shaft streak, rump & upper
tail coverts clear cinereous, tail blackish edged with
pale gray; lower parts pale grayish white, throat & crissum
almost white, lower rump cinereous gray.

1560 Pyrgilus unicolor (?) large ♂ 154
♂ Entirely slate gray, darker above, paler below; lower
rump & upper tail coverts; outer primaries edge grayish white,
remainder color of back; tertials blackish
brown \ black \ dark brown

1561 " " large ♂ 153

1562 " " ♀ 148
brown \ blackish, pale brown below \ pale brown
upper parts streaked with dusky, tail less so than 1563
lower parts dark ashy, with shaft streaks & dusky (- may be another species)

1563 " " ♀ 149

♀ Upper parts (except rump) heavily streaked with dusky
lower parts pale gray (whitish on throat & chest) heavily
streaked with dusky; rump ashy streaked

1564 Sicalis ——— ♂ 143

same as Coereba de Oroya heads brown | blackish, loral velvet | dusky plush.

1565 " " ♀ 147

1566 " " ♂ 143

*1567 Big White throated Sparrow ♂ 202
hazel | black | blackish

Entire upper parts clear cinereous; lores blackish; a small white spot above eye & large one below, extending to ear coverts; wings & tail blackish, tertials & tail edged with grayish white; tail below gray outer web & outer rectrix white; basal half of outer web of primaries white; basal portion of both webs & rest of remiges white
Whole throat, breast, belly, crissum & inner wing coverts white; chest & sides cinereous

1568 " " large ♂ 198

1569 " " ♀ 192

1570 " " large ♂ 201

1571 " " large ♂ 198

Oroya, April 9.

Spent day preparing specimens shot yesterday so cold here that birds keep 2 or 3 days.

Temperature inside cloud window of Hotel room
Min. 48° Max. 68°.
altitude 12226 ft.

La Galera, April 10, 1930.

Took freight train leaving Oroya at 4[10] Hrs. a clear cold morning. Had to ride on open flat car (with Copper Ingots) & as we climbed up the valley it got colder & colder. Soon frost appeared & when we got up to about 14500 ft the puddle of water along the track were frozen over. Reached Water Tank at 7[30] (15 000 ft) & I worked up valley to south up to 16 000 ft. 2 lakes up at about 15 800 ft. one quite large. 2 spec. of ducks on it, but could not get a shot. Most of birds were shot between 15 000 & 16 000 ft. & none below 14 000 ft. Returned on passenger train reaching Oroya at 6[50] P. M. A fine day, clear till about 19 Hrs. & then drifting clouds.

1572 "Hummer" ♀ 124
same as 1533 black / black

1573 "Hummer" ♂ 132
same as 1535 black / black

1574 " " " ♂ 134

1575 Asthenes ♂ 163
same as 1537 brown / black, paler below / dusky brown

1576 Acosilla ♂ 168
~~Upucerthia~~ saxicolina
same as 1542 brown / black, dark brown below / black

*1577 Upucerthia jelskii ♂ 193
long curved bill spec. — brown / black, flesh at base below / black
bill 27, slender curving — Above earthy brown, long buff superciliary, below buffy ochraceous, throat whitish medially to chin mottled with dusky, under long cents & long & wavy cinnamon rufous tail pale cinnamon, with subterminal black patch not but only two rectrices, primaries tipped whitish, wing cinnamon; coverts blackish, broadly tipped cinnamon buff

1578 " " ♀ 188
median rectrices above & beneath, largely blackish

1579 " " ♂ 208

1580 Cinclodes ——— ♂ 175
same as 1546 brown | black | black

1581 " " ♂ 184

1582 Cinclodes bifasciatus ♂ 226
same as in ruiter at Otrajillo brown | black | black.
Iridescent sooty brown; rest above dark chestnut brown, wing coverts largely color of back; wing black, with broad white band across middle of primaries & secondaries & on primary greater coverts; tail blackish, outer rectrices broadly tipped white; broad white; chest & upper breast pale grayish; rest below earthy brown, crissum tipped whitish; wing coverts brownish, edges shoulder below white

1583 Muscisaxicola flavinucha ♀ 202
brown | black | black

1584 " alpina ♂ 199
brown | black | black

1585 " " ♂ 187

1586 " " ♀ 177

1587 Spodiornis (?) ——— large ♂ 143
same as 1559 brown | black, dusky brown below | black

1588 " " ♀ 134

1589 " " large ♂ 134

APR 10 '30

1590 Spinus ——— (?) ♀ 134
Back species with yellow belly & white wing.
brown | blackish, yellow below | broken brown — whole head black except; — median part of breast & belly, all of crissum, basal half of tail; basal half of remiges; axillars; tips of median & greater coverts & edge of basal ½ of primaries tipped white.

1591 " " imm ♀ 137
crissum with black shaft streaks apically, yellow of breast ending in narrow point at upper edge of broad zone.

1592 " " (?) 145

APR 10 '30 '30

1593 Pyrgilus unicolor (?) ♀ 138
brown | black | dusky horn | brown | horn
Have two birds heavily streaked above & below like 1563

1594 " " ♀ 153

*1595 "Finch" ——— ——— sim ♂ 176
(young bird) brown | black, yellow below medially | horn
adult ♂ = 'Whole head black; slate gray; rest above yellow olive, yellow, upper tail coverts slaty; wings & tail blackish, all outer covers ashy gray; below orange yellow, throat white, with subterminal blackish patches.

1596 "White Throated Sparrow" ——— ——— ♂ 197
hazel | black | black

1597 " " " " ♀ 196

1598 Agriornis ——— ♂ 256
big, white tail. straw | black | black

1599 Muscisaxicola albifrons ♂ 236
brown | black | black

1600 " " ♂ 235

1601 " " ♂ 242

Sunny Oroya, Afn. 11
birds all day.

Oroya, Afn. 12

Shunied birds till noon. In afternoon packed up & left for Cerro de Pasco at 5.15

Cerro de Pasco, Afn. 13 - Sunday

Went out to Farm with Mr. Watson & spent day looking over country. could not get baggage from Station till Monday morning.

Lake Junin, Apr. 14.

Went out to lake with baggage early. Thin morning
Ave road near river slight to Quail-like birds
hrs. Burrowing Owl & Belted Kingfisher.
Changed clothes & went up river to entrance
to lake & shot Coloring birds along shore.

1602 Lessonia rufa oreas ♂ 140
brown \ black \ black
Entire black except white interscapulium &
scapulars cinnamon rufous.

1603 " " " ♂ 138

*1604 Metropelia aymara ♂ 190
blue \ black \ pink.
Upper parts pale earthy brown, hind neck slightly washed
with rufous; sides of head tuftly; throat whitish,
rest below (except crissum) pale rufous; longer under
tail coverts & tail & wings black; median portion
of rectrices chestnut; golden spot
on median wing coverts

1605 " " ♀ 182
♀ same, except rufous only on chest, abd. tuftly
rufous

*1606 Plegadis ridgwayi laying ♀ 480
red \ dusky reddish brown \ bluish opaque \ black
Black Ibis.

1607 " " size ♀ 500
eggs

1608 " " usual ♀ 485
eggs.

*1609 Gull. ♂ 480
brown \ very dark red \ dark red \

* 1610 "Francolin" ♂ 220
blue \ dusky yellow, ridge & tip black \ yellow

1611 " " " ♀ 220

1612 "Ptilosscelys "(re)splendens ♂ 318
brown \ black \ dusky pink

* 1613 Burrowing Owl ♀ 276
yellow \ blackish toothy, pale straw speckled \
dirty dusky brown

Lake Junin, April 15, 1930

Went up the river in launch with Mr. Shaw
& on into lake as far as canbe open water
All birds killed in lake or on water & recov
in lower portion of lake. Got back 5 P. M.

* 1614 Cistothorus gramineola ♀ 137
brown \ black, flesh color \ brownish flesh

* 1615 "Reed Warbler" ♀ 117
pale blue \ black \ black.

1616 " " " ♀ 115

* 1617 Phlöecryptes (?) ♀ 138
brown \ black, flesh at base color \ leaden blue

1618 " " ♂ 145

1619. Erismatura ferruginea dark ♀ 165
blue \ black, tip & side of mand. flesh \ black

1620 Erismatura ferruginea chick ♀ 181

*1621 " " large chick ♂ 444
hazel \ bright blue, pink tinge \ dusky dark

*1622 Centropelma micropterus large bird ♂ 315
Small Sole. – Head, neck upper parts brownish black, with dark greenish wash, head & neck more glossed with brownish; secondaries & tertials largely white; large fan-shaped white patch on side of head, back of eye, partly covered by long stiff feather lower parts ferruginous, finely speckled with silvery, under side of wing mostly white.
red \ black \ dusky horn, mottled with dull yellow.

1623 " " ♂ 315

1624 " " egg ♀ 292

*1625 Colymbus taczanowskii (?) ♂ 350
Plumage, sides & head & neck & breast dark slaty; back & wings covered thickly; below entirely white, sides flanks streaked with black.
bright red \ horn blue, ridge black \ greenish yellow, tarsus dusky

*1626 Querquedula puna ("Blue bill") ♂ 438
brown \ pale blue, ridge & tip black, dusky blue below feet dusky dark, joints darker

*1627 Gallinola galeata ♂ 415
brown \ scarlet bill & shield, tip pale green \ feet yellowish green, tibia with white patches, sides V.

1628 " " ♀ 381
brown \ bill & shield dark greenish brown, yellow at base below feet dark greenish

1629 " " ♂ 420
Same as 1627.

*1630 Fulica ardesiaca (?) large text ♂ 457
red \ white, tip black, shield yellow /
feet pale bluish, fourth claw long.
Head & neck black, rest of body slate colored;
no white on wing (only on coverts) except
edge of wing from shoulder to long primary

1631 " " large text ♂ 490
what bill, shield white, tip & tail black,
feet pale horn color, fourth claw long

1632 Fulica _____ (white primary) large text ♂ 480
bill same as 1631,

1633 Nycticorax tayazo guira ♂ 660
red \ black, lores & eye ring & bare below yellowish
green \ pale greenish yellow, sides yellow

1634 Nettion oxypterum brown \ yellow, ridge black \ / pale drab ♂ 440
Temperature at Camp. on west side of building, sun hits thermometer at P.M.
Apr. 15 to 17 incl. - Min. 33° Max. 82°
Bar - 17.98 = 13,800 ft. Temp. 75°

Apr. 16.
Skinned birds all day, & till 9 30 P.M.

Apr. 17.
Skinned birds from 5 A.M. all day & till 11 P.M. & to finish.

Lake Junin, April 15, 1920

West rim to "Rock Front" Line running about 4½ Km across a nearly level plain Eastward. Very few birds on plain. Heiter Killed there, Saw only Sicalis, Pipit, Buff tailed Upucerthia. Crossed part a large stream before reaching Rocks, water 2 feet deep & swift. Left Camp at 2 45 P. M.

1635 "Hummer" ♀ 128
♀ Lor. 238. black \ black.
Whitish green throat replaced by white, spotted with bronze green; last tuft buffy.

*1636 Leptasthenura andicola ♀ 172
Heavily streaked with buffy white above & below.
brown \ black \ black.

*1637 Asthenes (?) [Siptornis] graminicola ♀ 175
Upper parts heavily streaked with dusky, below buffy brown, paler medially, tail blackish above, cinnamon below.
brown \ black, flecked below basally \ dark brown

*1638 Asthenes [Siptornis] virgata ♂ 195
Heavily streaked above with buffy white & blackish on brown ground; chin narrow, buffy white medially below, sides buffy brown streaked with black.
brown \ black, chin flecked below \ buffy white.

1639 Troglodytes musculus ♀ 125.
brown \ black, flecked below basally \ pale slate

*1640 Haplochelidon andecola oroyae ♀ 150
Sooty above, primaries white basally, forming white patch on wing. Throat pale sooty, flecked narrowly buffy pale, sides & flanks white; crissum white with large sooty subterminal patches.
brown \ black \ dusky pale

1641 " " " ♀ 151

1642 " " " large ♂ 151

1643 Smallbird — ♂ 148
Same as Nov 1640.

1644 Geositta saxicolina — ♀ 166
Same as 1542
brown / black, pale brown at base below / black

1645 " " — ♂ 177

1646 Muscisaxicola alpina — ♂ 191
brown / black / black

1647 Cinclodes palliatus — ♂ 178
Same as 1546 brown / black / black

*1648 Upucerthia _____ — ♀ 195
may be year — bill long & decurved (all black) 33 mm.
Above earthy brown, wings grey brown, edged
color & tabs; buffy superciliation from eye to occiput
below buffy white / auric. coverts dull
cinnamon — brown / black / black

1649 Agriornis _____ — ♂ 258
(White tail.) Brown / black / black.

1650 Asthenes _____ — ♀ 163
Same as 1537. brown / black, dark flecks below
mixed with / pale brown

1651 Pygarrhichas (?) _____ — large ♂ 185
Same as 1595. hazel / flecky ridge blackish / brownish flecks

1652 " " — ♀ 171
brown / blackish, dusky flecks on face / pale brown

1653 Pygarrhichas _____ — large ♂ 155
brown / black, dusky from below / brownish brown

1654 " " — large ♂ 158

1655 Pyrgilos unicolor ♀ 148

1656 " " ♀ 153
brown | pale brown, ridge black | pale bluish horn

1657 Spodiornis (?) large ♂ 135
brown | black, dusky down color | blackish horn

1658 " " ♀ 127

1659 Colaptes puna ♂ 335
olive yellow | blackish | pale dusky olive brown.

April 18 - Temperature Max. (rain) 72° Min. 32°

Lake Junin, April 19, 1930

Spent day skinning specimen shot yesterday in "Rock Front". A beautiful sunny day with drifting cumulus clouds, till evening. In evening, ♀ ref till about 9 P.M. a heavy rain.

Lake Junin, April 20, 1930

Left camp 6 30° & went to Lodge on truck. Morning very cold & dense fog. Walked up along road to Cerro in marshy land there. Fog lifted & sun came out about 7 30, after which fine clear day. Pipits taken in morn, in fact all birds except Ground Tyrant & Belted Kingfisher, which were along edge of grassland in dry places in marsh.

*1660 "Tallark" ♂ 157
upper parts & wing pale buffy ochraceous, heavily streaked with black, also wings; chest buffy, streaked black, throat buffy white, breast abd. & crissum buffy white, sides & flanks ochraceous streaked black.
Tail with tubes (2 only retained)
brown | black, shaft below basally | pale brown

1661 " " ♀ 157

1662 "Titlark" ——— ——— large ♂ 160

1663 " " " large ♂ 164

1664 " " " egg ♀ 159

1665 Lessonia ———— ——— ♂ 137
brown \ black \ black

1666 Upucerthia jelskii ♀ 195
brown \ black, pink at base below \ black

*1667 Sandpiper ——— ——— very fat ♀ 192
brown \ black \ black

*1665 Sandpiper ——— ——— very fat ♂ 212
brown \ dusky yellowish tinged, black spirally \
feet dusky greenish yellow \

*1669 Snipe ——— ——— ♀ 250
brown \ dusky yellowish basal half, rest black \
feet yellow clay color

1670 "Francolin" ——— ——— ♂ 210
brown \ yellow pink ridges tuft black, \ yellow

1671 " " " ♂ 218

Ptiloscelys resplendens

1672 ~~Belocephalus~~ ——— ——— ♀ 306
red \ bluish pink black, spurs dirty black \ pink

Apr. 17 to 21 incl. Temp. Mean. 34°
Max. 110° (in sunny side
of iron bldg.)

Lake Jamin, 21 de Abril, 1930

Started out at 7 A.M., went up over hills lying between river & lake, & dropped down at outlet of lake. The two species of Eucerthia & 2 species of Asthenes were killed up in hills either going up & coming back. Worked up along shore of lake as far as village, then cut back into hills & crossed over. Found a big lake up over hills at nearly 14000 ft, shot & got three, also 2 dives which I could not get, as wind blew them into reeds far out & water deep. Wind blew C.A. to shore. Parker & Semmia shot along shore of lake (common there in narrow grass) Rail shot in patch of reeds off shore, got no water, & much to busy getting it. Yellow-tailed common along shore of lake, saw another small Sandpiper, but could not get it. Got back to camp at 2 P.M., met to lunch.

1673 Asthenes graminicola ♂ 188
brown | black, flank below, tip black | dusky brown

*1674 Asthenes ♀ 157
similar to 1537, but chin & throat lighter, more buffy below, & tail more cinnamon below, rectrices rounded. sides of head streaked with blackish, slightly pronounced on under parts with blackish shaft streaks.
brown | black, flank below, tip dusky | dusky brown

1675 Tiliana ♂ 160
brown | black, flank below buff | brownish flank.

1676 " " " ♀ 155

1677 hessonia ♂ 139
brown | black | black.

1678 Upucerthia ♂ 196
same as 1648 - brown | black, flank & ventrally below | black.

1679 Upucerthia jelskii ♀ 193
brown | black, flank at base below | black

1680 Upucerthia jelskii ♂ 198

1681 Spinus ♀ 135
black & yellow belly.
brown / yellowish flesh, ridge black / black.

1682 Sandpiper ♂ 183
same as No 1667. brown / black / black

*1683 "Lemon yellow legs." very fat ♀ 280
brown / black / dusky yellow

1684 " " very fat ♀ 264

1685 " " (?) 263

1686 " " little fat. ♀ 250

*1687 Black Rail. ♀ 303
Pileum blackish, next olive brown, nuchal area, sides of head & throat dark slate, next below (except flanks) slate; flanks & belly rusty, crissum edged brown, under wing coverts brown.
carmine / dark grass green, left blackish, base of culmen blue, base of mand & edge green, rest / pinkish blood

1687a Fulica ♀ 436
Bill bird lead fleshy & tip white, edges of frontal shield & frontal plates. - red brown, iris / red / yellow
Feet pea-green, joints dusky
nos 1 = orange yellow; nos 2 = pea green remainder white / shield chocolate brown

S1688 Nettion oxypterum. ♀ 391
brown / gamboge yellow, ridge (black) / drab.

S1689 Querquedula puna ♂ 484
brown / bright leaden blue, ridge & edge of bill black / feet leaden drab

1690 " " ♀ 442

→ crissum, rest on tibiae next feathers, olivaceous

Lake Junius, Apr. 22, 1930.

Spent day preparing specimens shot yesterday
Heavy rain after dark, probably rained
nearly all night.

Lake Junius, Apr. 23, 1930

Got up at 5 A.M. intending to go to Rock Fort.
but about time I got ready to start began raining
& rained till 8 A.M., when I started out &
went up in hills between Rock & Lake.
Shot up over hills & down to big Lake where
I got the Fulica with chocolate shield. Shot
the 4 Grebes & another Fulica there. Had to
swim outside reeds to get 2 of them, water
like ice. The others drifted down with the
wind. Shot out & beside on hills between
camp & Lake, mostly in high "Bunch Grass".
Got back at 1 P.M.

1691	Anthus b. ogotensis brown | black, basal ½ below flank | pale brownish flank		♂ 162
1692	"	"	♀ 163
1693	"	"	♂ 163
1694	"	"	♂ 165
1695	Asthenes same as Nr. 1674	brown | black, flank below | dark brown	♂ 159
1696	"	"	♀ 155
1697	"	"	♀ 154
1698	Asthenes graminicola brown | black, flank below | dark brown		♂ 181

1699 Upucerthia jelskii ♀196
brown (black, basal 1/3 below pale) black

1700 " " ♂198

1701 "Francolina" ♀211
brown (yellow, ridge + tip below black) yellow

1702 " " ♂207

1703 *Podiceps adult. ♂325
brown (crown black, basally brown, around dusky
pale, sides at base beaded (dusky dusk, under pale
pale w/ back blackish
Extremely fat (This bird dewinged
from nose after
being observed
and sailed.

1704 Centropelma microptera ♂313
pale carmine

1705 " " large ♀293

1706 " " large ♂293
(Lake Junin) (not fat)

1707 Fulica large ♀433
brown legs w/ chocolate shield - same as No 1687

Lake Junin, April 24 1920.

Had chance to use the small boat kept by Surveyors at outlet of lake, ex for canoe to row for me & left camp about 7.30 Am. On way up to lake shot the 3 Coot, the Snipe & one Rail, the latter three edge of river. Went in boat nearly to open water of upper lake & back. Birds very scarce & shy. A foggy rainy day on lake. Heard Kiskis on flats just above village. Saw 2 big White Herons.

1708 "Red Flycatcher" ♂ 124
brown/black/black.

1709 " " " " ♀ 118

1710 " " " " ♀ 120

1711 Phloeocryptes melanops juninensis (Type) ♂ 157
brown/black, slightly flecked with buff/dark brown

1712 " " ♀ 148

1713 " " imm (?) 147

1714 "Snipe" – Gallinago imm ♂ 230
brown/pale brown darkly, black apically/pale greenish brown

1715 Black Rail ♂ 342
carmine/green grey, culmen blue at base, red patch on side at base/pink salmon

1716 " " " ♂ 341

Speotyto cunicularia juninensis

1717 Burrowing Owl ♂ 275
yellow/pale greenish pink, sides culmen brownish/dirty brownish

1718 " " " ♂ 276

1719 Breeding bird ♀ 278

1720 Nyctiorax Nycticorax guira ♀ 610
(eggs size of bird, shape carmine) black, yellow below barely yellow, frosty (two mottled dusky)

1721 " " " ♀ 611
(eggs 7 mm dia)

1722 Aechmophorus occidentalis pumex ♂ 455

1723 " " ♀ 450

1724 " " ♀ 453

1725 " " ♀ 450

Lake Juanita, Feb. 25

Worked last night till 11 P.M. as I have to journey today in time to get to Socorro tomorrow for Flamingoes,

Socorro April 26. - Lake Juanita.

Left Cerro on passenger train at 6:40 A.M. for Socorro, which train arrived at 7.45
Got the watchman at Socorro & found out that at this time of the year the Flamingo are all far out in the lake between Socorro & Juanita No way to get out except in Red Baker which I found impossible. He went with me to look for Gael. We found several small pools out on dried land along lake, & by my shy & after spending three hours in walking had to give it up. Returned to Socorro at 3 30 P.M. & caught empty ore train at about 4 30 for Cerro which I arrived at 6 50 P.M. & went to hotel for night.

APR 28 '30 APR 28 '30 APR 18 '30 [105] APR 28 '30

1726 "Snipe" " ♂ 245
same as No. 1669.
brown | basally dull brownish yellow | apically black | yellowish green |

1727 " " " ♂ 240

1728 Gull" ♀ 453
same as No 1609.
brown | very dark crimson | dull blackish crimson

" "
Lake Junin, Apr. 27
Came out from Casa this morning arriving at Camp about 9 30 A.M. Shot 3 birds that yesterday, also two ducks left on from the 24th.

Lake Junin, Apr. 28
Very cold last night, heavy frost & dense fog this morning. Went to "Rock Point" getting away about 7 15. Fog lifted about the time I reached rocks & had good day sun & drifting clouds. Birds not very abundant. Covered a lot of ground, not getting back to Camp till 4 P.M. Ith—dead tired.
Saw one Turkey Vulture & a big Falcon, the latter escaping after a long Walk.
Also saw 1 Sept Sandpiper & 1 Gallaria same as Clear Shot on Cumbre de Cuoya, but it escaped a long shot of 80 Yds.

1729 Asthenes virgata ♂ 190
brown | black, blackish flank below | dull olive, tan underp.

1730 " " ♂ 191

1731 " " ♀ 188

1732 " " ♂ 184

1733 Asthenes graminicola ♂ 193
brown | black, flak below basally | pale horn

1734 Troglodytes musculus ♂ 142
brown | black, yellow flak below basally | dusky horn

1735 Muscisaxicola alpina (?) ♀ 173
brown | black | black

1736 Asthenes ——— ♂ 176
same as no 1674.
brown | black, blend flak below basally | blend horn, tip dusky

1737 " " ♀ 165

1738 " " ♂ 171

1739 Upucerthia ——— im ♂ 195
Same as 1648
brown | black | dusky horn

1740 " " ♂ 197

1741 " " ♀ 196

1742 Upucerthia jelskii ♂ 196
brown | black, flak at base below | black

1743 Cinclodes ——— ♂ 177
small common species
brown | black | black

[106]

1744 Agriornis montana inselens ♀ 257
gray brown | black | black.

1745 Spinus _____ ♂ 135
black yel. - yellow belly
brown | dull yellow, ridge y tft below black | black.

1746 Pyrgilus _____ ♀ 174
olive back y gray head,
hazel & blackish, flash below | pale brown

*1747 Buteo poecilochrous _____ ♂ 465
brownish brown | black, brn blue all round base,
cere olive yellow | gamboge.

Lake Junin, Apr. 29, 1930

Worked all forenoon n birds yesterday. Sent boy at noon to take boat & rest to village. Y at 1 P.M. & went n in bull. to big lake, where I took the beach no 1749. Went on to Lake Junin & met boy at village. We went out as far as open water, killed Grebe half way out. On return saw nothing of interest, & brought boat down river to Camp. arriving at 7 P.M.

1748 "Hummer" _____ ♀ 129
Green forehd, blu breast.
black | black

1749 Erismatura ferruginea ♀ 340
brown | black, mand. mottled flesh or pale.
leaden black, bas more leaden

*1750 Colymbus juninensis ♀ 270
pale scarlet | blackish brown, pale brown below |
leaden brown, under pale.

Temp. inside camp Apr. 21 to 29 incl.
Max = 86° Min. 32° F.

Cerro de Pasco, May 1, 1923

Nest set in tree with two holes, looking exactly
for "Pato Real." Seen about a dozen, but very
shy. The first was discovered on the 20th of
March, near a rocky point in Lake. Nest
in shape of oven, built with down from breast - 8 eggs.

*1751 Geositta ♂ 163
brown \ black, flesh below, band ½ \ black

1752 " " ♀ 165

1753 Colymbus jonicensis ♂ 323
pinkish scarlet \ blackish, leaden brown below
leaden brown, more paler, tan down

*1754 "Pato Real" ♀ 607
red orange \ black, leaden at base, orange below, under black
feet dark brown brown, toes dusky, webs black

1755 Tanager
Shot & skinned by Cmdo at Eneran, Nov 10.

1756 Inlerus
Embalmed bird bought at Oroya

1757 Parrakeet
Embalmed bird bought at Oroya.

1758 " " "

1759 Sporophila plumbeus ♂ adult. ♀ juv.
Embalmed bird bought at Oroya.

1760 Cock of Rock
Gift from Barron of Pierce

First Bus. Jan 1931 Finish.

[107]

1761

Illegible